



# Product End-of-Life Disassembly Instructions

Product Category: Networking Equipment

Marketing Name / Model

[List multiple models if applicable.]

HP 640 Redundant/External PS Shelf (J9805A)

**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 1 in product, 1 in power adapter	5
Batteries	All types including standard alkaline and lithium coin or button style batteries	0
Mercury-containing components	For example, mercury in lamps, display backlights, scanner lamps, switches, batteries	0
Liquid Crystal Displays (LCD) with a surface greater than 100 sq cm	Includes background illuminated displays with gas discharge lamps	0
Cathode Ray Tubes (CRT)		0
Capacitors / condensers (Containing PCB/PCT)		0
Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height		0
External electrical cables and cords		0
Gas Discharge Lamps		0
Plastics containing Brominated Flame Retardants		0
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.	0
Components and waste containing asbestos		0
Components, parts and materials containing refractory ceramic fibers		0
Components, parts and materials containing radioactive substances		0

## 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)
Torx Driver	# 10

## 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 black flat-head screws securing cover, 3 each side, 6 at top rear, - 12 screws total.
2. Remove cover by lifting rear of cover and pulling towards back of unit to disengage lip. Cover is painted zinc-plated steel.
3. Remove 12 screws holding metal keying mechanisms with springs. Each of the 3 mechanisms is secured by 4 screws. All parts of these mechanisms are steel.
4. Remove 8 screws holding rear connector housings in place. Each of the 4 connector housings is held in place with 2 screws.
5. Remove the 4 connection subassemblies by first pulling the edge-connector end out of its connector then lifting up and to the rear of the unit to free each subassembly.
6. For each of the connection subassemblies remove the one screw holding the connector housing to the PCB. Connector housings are aluminum. The 2 connectors on each of the 4 connection PCBs can be pried out if needed since these are press-fit connectors.
7. Remove the 8 screws that secure the main PCA. Lift PCA at rear and move slightly backwards to disengage LED light pipe. Light pipe is easily removed by hand.
8. The remaining chassis base is one piece and consists of painted zinc-plated steel.
- 9.
- 10.
- 11.

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).

