Product End-of-Life Disassembly Instructions

Product Category: Networking Equipment
Marketing Name / Model [List multiple models if applicable.]
HP ProCurve Access Control Server 740wl (J8154A)

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	6
Batteries	All types including standard alkaline and lithium coin or button style batteries	1
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		5
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)
Phillips Screwdrivers	P1 and P0
Pozidriv Screwdriver	1Pt
Torx screwdriver	T8
Nutdriver	P6
Flat Screwdriver and Wire stripper/cutter	1/8"

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 screws securing top cover using Phillips screwdriver P1
2. Disconnect and remove 40 pin flat cable from PCA motherboard to Hard Drive
3. Unscrew and remove 2 phillips screws on left side of chassis securing hard disk assemply
4. Unscrew and remove 2 phillips screws inside chassis securing hard drive assembly
5. Unplug 2 set of cables from Hard Drive (Flat 40 pin and one power cable)
6. Remove Hard Disk assembly
7. Remove 4 phillips screws attaching hard drive to metal bracket using P1 Phillips screwdriver
8. Remove 4 Torx (T8) screws attaching small PCA to Hard Drive
9. Remove PCA from Hard Drive
10. Disconnect rear fan cables from main PCA. Repeat process for each fan.
11. Remove 4 phillips screws securing fans to rear chassis. Repeat process for each fan. Remove fans
12. Disconect cables from main PCA (20 pin connector and a 4 pin connector from power supply)
13. Disconnect cables from the front small PCA assembly (LCD display) to motherboard
14. Disconnect or cut off all remaining cables connected to the PCA motherboard
15. Disconnect small cable from Heat Sink fan to motherboard
16. Remove large Heat sink by first moving the 2 grey levers 180 degrees each in the oposing direccion until top fan assembly become loose, using a flat screwdriver (1/8') pry-off each plastic anchor end until fan assembly comes off. Remove Heat sink
17. Using Phillips P0 screwdriver remove 4 screws attaching the small PCA assembly (LCD display) to the front sheet metal. Remove LCD assembly
18. Remove 9 pozidriv screws attaching main PCB to chassis using 1Pt pozidriv screwdriver
19. Remove front small plate that house the RS-232 connector in the front chassis by removing 2 screws (use Phillips P1 screwdriver)
20. Remove all 6 screws that attach the 3 RS-232 connectors using a Nutdriver P6
21. Remove or cut off cables from PCA motherboard to back side of chassis.
22. Remove 9 pozidriv screws attaching mother board to main chassis using pozidriv 1Pt screwdriver
23. Using a P1 screwdriver remove screws that hold slots (1, 2 or 3) covers (front main sheet metal)
24. Remove any additional RAM memory or any small boards attached to motherboard with sockets
25. Remove battery from motherboard
26. Remove and dissasemble Power Suply P/N 9PA3501303 by first removing 1 pozidriv screw (1Pt) attaching rear power supply bracket to bottom main chassis and 2 Phillips (P1) screws to rear chassis panel. Pull out power supply from main chassis
27. Unscrew 5 pozidriv screws (1Pt) that attach power supply top cover to power supply sheet metal. Pull out cover.
28. Remove small bracket from rear power supply chasis by unscrewing 2 phillips screws (use P1 screwdriver).
29. Using a wire stripper/cutter cut off all cables and bundles that goes into power supply
30. Remove power supply fans. Remove 4 phillips screws (using P1 Phillips screwdriver) attaching small fan to power supply chasis. Repeat process for each fan. Cut off fan wires and remove fans.
31. Remove 1 pozidriv screw that holds small PCA (2cm x 1.5 cm) located at the rear power supply chasis. Cut off cables and remove PCB.
32. Remove 4 pozidriv screws holding main power supply PCA to sheet metal. Pull out board
33. Remove 5 large caps from Power supply PCA
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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).