# Product End-of-Life Disassembly Instructions

**Product Category:** Monitors and Displays

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

HP Compaq LA2405x 24-inch LED Backlit Monitor

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**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.

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Notes</th>
<th>Quantity of items included in product</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Circuit Boards (PCB) or Printed Circuit Assemblies (PCA)</td>
<td>With a surface greater than 10 sq cm</td>
<td>4</td>
</tr>
<tr>
<td>Batteries</td>
<td>All types including standard alkaline and lithium coin or button style batteries</td>
<td>0</td>
</tr>
<tr>
<td>Mercury-containing components</td>
<td>For example, mercury in lamps, display backlights, scanner lamps, switches, batteries</td>
<td>0</td>
</tr>
<tr>
<td>Liquid Crystal Displays (LCD) with a surface greater than 100 sq cm</td>
<td>Includes background illuminated displays with gas discharge lamps</td>
<td>1</td>
</tr>
<tr>
<td>Cathode Ray Tubes (CRT)</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Capacitors / condensers (Containing PCB/PCT)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>External electrical cables and cords</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Gas Discharge Lamps</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Plastics containing Brominated Flame Retardants</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Components and parts containing toner and ink, including liquids, semi-liquids (gel/paste) and toner</td>
<td>Include the cartridges, print heads, tubes, vent chambers, and service stations.</td>
<td>0</td>
</tr>
<tr>
<td>Components and waste containing asbestos</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Components, parts and materials containing refractory ceramic fibers</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Components, parts and materials containing radioactive substances</td>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Tool Description</th>
<th>Tool Size (if applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description #1 SCREW DRIVER(PHILLIPS HEAD)</td>
<td>#2</td>
</tr>
<tr>
<td>Description #2</td>
<td></td>
</tr>
<tr>
<td>Description #3</td>
<td></td>
</tr>
<tr>
<td>Description #4</td>
<td></td>
</tr>
<tr>
<td>Description #5</td>
<td></td>
</tr>
</tbody>
</table>

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 Stand Base From Display Head  
2. Remove Rear Cover From Display Head  
3. Remove Front Cover From Display Head  
4. Remove AL Brushed Metal Part From Front Cover  
5. Take Down Panel From Assembly Part  
6. Take Down Panel From Assembly Part  
7. Take Screw(x8) Off From P.C.B  
8. Take Down USB PCB From Assembly Part  
9. Take Down 2 IF PCB Screws and 4 Power PCB Screws  
10. Remove BKT (Printed Circuit Assemblies>10cm**2)  
11. Remove Mylar Rubber Gasket and Finger From Chassis Cover  
12. LED PANEL EXPLODE  
13. LED PANEL EXPLODE  
14. Electrolytic Capacitors Over 25mm High& Diameter Dissecting Process  
15. Electrolytic Capacitors Process Drawing  
16. Take Screw(*4) Off From VESA bracket  
17. Remove screw and take off swivel plate  
18. Unscrew six screws and take Base off  
19. Remove rubbers and screws then free Base bracket  
20. Move two screws in top side then release riser rear cover  
21. Remove four screws and release riser front cover  
22. Remove Arm rear cover by hand  
23. Remove four screws to release Arm front cover  

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).
HP LA2405x Disassembly Process

- Lulu G Lee
- Mechanical Engineer
- Feb-01-2012
External Electric Cables Dissecting Process

Remove Cable From Display Head.

USB Cable  VGA Cable  DVI Cable  Power Cord
Remove Stand Base From Display Head

1. Identify and remove the right screw.
2. Identify and remove the left screw.

Result: Stand base removed from display head.
Remove Rear Cover From Display Head
Remove Front Cover From Display Head

Take down 4 screws
Remove AL Brushed Metal Part From Front Cover

Take down top and bottom Al Brushed Metal Part
Take Down Panel From Assembly Part

Remove LVDS Cable

Remove Panel Cable

Remove Right 2 Panel Screws

Remove Left 2 Panel Screws
Take Down Panel From Assembly Part
Take Down 8 Screws From P.C.B
Take Down USB PCB From Assembly Part
Take Down 2 IF PCB Screws and 4 Power PCB Screws
Remove BKT (Printed Circuit Assemblies > 10cm²)

Dissecting to complete.
Remove Mylar Rubber Gasket and Finger From Chassis Cover
LED PANEL EXPLODE

Disassembly

1. Removing a PET tape.
2. Removing a Top Chassis

3. Taking a panel apart from the Mold frame.
   (Silicon fixing, but can take off a panel easily.)
4. Taking a Mold frame off
Removing Sheets
Removing a LGP
Removing reflection sheet

Disassemble LED Bar & Bottom Chassis.

LED Bar is fixed with a tape, so we need to take off well with any flat things.

Finish! Getting a LED Bar
Electrolytic Capacitors Over 25mm High & Diameter Dissecting Process

2. Take Down The Capacitor.
3. Dissecting To Complete. (Next Page Have Description)
Electrolytic Capacitors Process Drawing
Take Screw(*4)Off From VESA bracket
Remove screw and take off swivel plate
Unscrew six screws and take Base off
Remove rubbers and screws then free Base bracket
Move two screws in top side then release riser rear cover
Remove four screws and release riser front cover
Remove Arm rear cover by hand
Remove four screws to release Arm front cover