# Product End-of-Life Disassembly Instructions

**Product Category:** Monitors and Displays

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

HP Pavilion 27q 27-inch Display

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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 Function key BD, IF BD</td>
<td>2</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 Panel</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>0</td>
</tr>
<tr>
<td>Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height</td>
<td>Power BD only (C805)</td>
<td>1</td>
</tr>
<tr>
<td>External electrical cables and cords</td>
<td>HDMI, Display cable, Power cord</td>
<td>3</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>#0</td>
</tr>
<tr>
<td>Description #2 SCREW DRIVER(Phillips Head)</td>
<td>#1</td>
</tr>
<tr>
<td>Description #3 SCREW DRIVER(Phillips Head)</td>
<td>#2</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 Bracket Assy From Display Head
4. Remove Mid cover From Display Head
5. Remove Front Cover From Display Head
6. Disassemble Front Cover
7. Disassemble Bracket ASSY
8. Disassemble Stand ASSY
9. Disassemble Panel ASSY
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).
HP Pavilion 27q Disassembly Process

- Steve Chou
- Mechanical Engineer
- May-31-2017
1. Remove Cable From Display Head.
Remove Stand Base From Display Head

2. Pull the release button

3. Remove Stand Base From Display Head.
Remove Rear Cover From Display Head

4. Release Chin hook from rear cover except corner.

5. Remove Rear Cover From Display Head.

6. Remove Function key cable PCB.
Remove Bracket from Display Head

7. Remove cable and Al tape from Panel

8. Remove Bracket from Display Head
Remove Hinge and Hinge bracket

9. Remove cable and Al tape from Panel

10. Remove Hinge and Hinge bracket
Remove Mid-cover from head

11. Remove 11 screws

12. Remove Mid-cover from head
Disassemble front cover

13. Remove Gasket
Disassemble Bracket ASSY

1. Remove 4 screws
2. Remove cable
Disassemble Hinge and Hinge bracket

Remove 6 screws
Disassemble Rear cover

Remove 2 screws

Remove OSD key
Lens and power good
Disassemble Stand ASSY

1. Remove 4 screws
2. Remove 4 rubber
3. Remove 2 screws
Disassemble Panel ASSY

1. Removing a Shield Case

2. Removing a Mold Frame to take off the panel
   Several tapes need to be removed first.

3. Panel Glass
   Sheets on the B/C
   Removing Sheets

4. Sheets
   LGP on the B/C
   Removing a LGP

5. LGP
   Reflection sheet on the B/C
   Removing a reflection Sheet
Disassemble Panel ASSY

Removing a LED Bar

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