**Product End-of-Life Disassembly Instructions**

**Product Category:** Monitors and Displays

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

HP ENVY 34c 34-in Media 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 IF BD, IF BD-2, DC BD Audio BD, LED Drive BD</td>
<td>5</td>
</tr>
<tr>
<td>Batteries</td>
<td>All types including standard alkaline and lithium coin or button style batteries button cell battery</td>
<td>1</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>USB cable, HDMI cable, DP cable, Power cord</td>
<td>4</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</td>
<td>SCREW DRIVER(PHILLIPS HEAD)</td>
</tr>
<tr>
<td>Description #2</td>
<td>SCREW DRIVER(PHILLIPS HEAD)</td>
</tr>
<tr>
<td>Description #3</td>
<td>SCREW DRIVER(PHILLIPS HEAD)</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 speaker From Display Head
4. Remove Hinge From Main bracket
5. Remove down bracket From Main bracket
6. Remove main bracket from Panel
7. Remove Bezel from panel
8. Disassemble Bezel ASSY
9. Disassemble Rear Cover ASSY
10. Take Screw(*2) Off From Chassis Cover
11. Take Screw(x12) Off From P.C.B
12. Remove Gasket From Chassis Cover
13. Remove Gasket From left and right Brakcet
14. LCD PANEL EXPLODE
15. Hinge and Base

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 ENVY 34c Disassembly Process

- Lwenda Lee
- Mechanical Engineer
- DEC-16-2014
External Electric Cables Dissecting Process

1. Remove Cable From Display Head.

2. Dissecting to complete.
Remove Stand Base From Display Head

3. Pull the release button and Base pull down

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

5. Remove five screws from display head.
Remove Rear Cover From Display Head

6. Disassemble Bezel Top side hook.

7. Disassemble Bezel left and right side hook.


9. Remove Rear Cover From Display Head.

10. Turn over Display Head and Remove Rear Cover From Display Head.
Remove Rear Cover From Display Head

11. Disassemble two sides connector
Remove Speaker From Display Head

12. Disassemble left and right line in speaker hook, And remove 8 screws on speaker;
13. Take 6 Screws M4 Off From Main Bracket, And Remove Hinge;

14. Take 2 Screws Off From Main Bracket, And Remove Down bracket;
Remove Down bracket From Main bracket.

14. Take 2 Screws Off From Main Bracket, And Remove Down bracket.
Remove Main bracket From Panel

15. Take 4 Screws Off From Main Bracket, then Remove conductive fabric and connector
Remove Bezel From Panel

16. Take 4 Screws Off from Panel Bracket, Remove left and right bracket;

17. Remove Bezel From Panel

Left and Right Bracket
Disassemble Bezel ASSY
Disassemble Rear Cover ASSY

Remove 5 screws

Volume cover
Volume BD
Volume wheel
Audio jack BD
Rubber
Power BD
Osd Key
Power key
Osd Key BD
Take Screw(*2) Off From Chassis Cover

1. Take 2 screws off from chassis cover

2. Remove rubberized fabric
Take Screw(x12) Off From P.C.B
Remove gasket From Main bracket

1. Remove gasket from main bracket, and DC switch
Remove gasket From Main bracket
LCD PANEL EXPLODE

Disassembly sequence:
1. Start!
2. Removing a Shield-Case
3. Removing a Top Chassis
4. Taking a panel apart from the Mold frame.
   (Silicon fixing, but can take off a panel easily.)
5. Taking a Mold frame off
LCD PANEL EXPLODE

5. Removing Sheets
6. Removing a LGP
7. Removing reflection sheet

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

Finish! Getting a LED Bar
Hinge and Base