# Product End-of-Life Disassembly Instructions

**Product Category:** Notebooks and Tablet PCs

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

**HP Pavilion TouchSmart 14 Ultrabook**

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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>3</td>
</tr>
<tr>
<td>Batteries</td>
<td>All types including standard alkaline and lithium coin or button style batteries</td>
<td>2</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>0</td>
</tr>
<tr>
<td>Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>External electrical cables and cords</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Gas Discharge Lamps</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Plastics containing Brominated Flame Retardants weighing &gt; 25 grams (not including PCBs or PCAs already listed as a separate item above)</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>
</tbody>
</table>

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PSG instructions for this template are available at [EL-MF877-01](#).
Components, parts and materials containing radioactive substances

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>Screwdriver</td>
<td>#1</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 battery module
2. Dis-fasten RAM Door screw*2
3. Disassemble RAM Door
4. Dis-fasten WLAN screw*1
5. Pull out antenna cable connectors*2
6. Dis-fasten ODD screw*1
7. Dis-fasten keyboard screw*2
8. Dis-fasten BASE screw*14
9. Remove ODD
10. Pull out keyboard membrane
11. Remove keyboard
12. Dis-fasten KB Deck screw*5
13. Pull out FFC*2 (Power, Touchpad)
14. Disassemble KB Deck
15. Pull out FFC*1 (TP)
16. Dis-fasten TP BTN module screw*3
17. Remove daughter board (TP Button)
18. Dis-fasten Power screw*1
19. Remove daughter board (Power)
20. Pull out FFC*1 (USB)
21. Dis-fasten daughter boards screw*1 (USB)
22. Remove daughter board (USB)
23. Pull out wire cable connectors*2 (LCD, DC cable)
24. Pull out wire cable*1 (speaker)
25. Dis-fasten motherboard screw*2
26. Remove motherboard
27. Pull out fan cable
28. Dis-fasten Fan screws*2
29. Remove Fan module
30. Dis-fasten thermal module screw*7
31. Remove thermal module
32. Remove speaker -L & -R
33. Pull out HDD module
34. Dis-fasten DC BKT screw*1
35. Remove DC BKT
36. Pull out DC cable connector
37. Dis-fasten Hinge screw*5
38. Remove LCD module

PSG instructions for this template are available at EL-MF877-01
39. Remove LCD Bezel screw pad
40. Dis-fasten LCD Bezel screws*2
41. Remove LCD bezel & panel
42. Dis-fasten Hinge BKT screw*4
43. Remove Hinge -L & -R
44. Pull out LCD cable & camera cable
45. Remove Camera module
46. Remove Antenna cables -L & -R

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).

3.21 Total part disassembly

3.22 Remove battery module

3.23 Remove service door
3.24 LCD module set disassembly

3.25 Top case disassembly

3.26 Thermal module and mother board disassembly
3.27 Bottom case disassembly