# Product End-of-Life Disassembly Instructions

**Product Category:** Notebooks and Tablet PCs

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

HP Envy 8 Note 5000 Tablet

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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>1</td>
</tr>
<tr>
<td>Batteries</td>
<td>All types including standard alkaline and lithium coin or button style batteries</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</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>1</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>

PSG instructions for this template are available at [EL-MF877-01](EL-MF877-01)
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 #1</td>
<td>Electric cross screwdriver</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. Follow steps described in Disassembly instruction (file attached)
2. If parts can be removed without using a tool, remove it first
3. Use correct screwdriver and torque value before unlock the screw.
4.
5.
6.
7.
8.
9.

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).
MANUFACTURING PROCESS INSTRUCTIONS
MECHANICAL ASSEMBLY

Model: Fireball

<table>
<thead>
<tr>
<th>Sub-assembly name:</th>
<th>FA DIS ASS'Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>Document No.:</td>
<td>Fireball FA DIS ASS'Y SOP</td>
</tr>
<tr>
<td>Written by:</td>
<td>Nydia Lee</td>
</tr>
<tr>
<td>Revision:</td>
<td>0.1</td>
</tr>
<tr>
<td>Date:</td>
<td>2015/08/28</td>
</tr>
<tr>
<td>Page:</td>
<td>32</td>
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</table>

A. Current station version list

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<th>Station</th>
<th>Ver.</th>
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</tr>
</tbody>
</table>

B. Version Modify list

<table>
<thead>
<tr>
<th>Revision</th>
<th>Date</th>
<th>Station</th>
<th>Content</th>
<th>Ver.</th>
<th>Design</th>
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<tbody>
<tr>
<td>0.1</td>
<td>2015/08/28</td>
<td>ALL</td>
<td>FIRST VERSION</td>
<td>0.1</td>
<td>Nydia Lee</td>
</tr>
</tbody>
</table>

Auditor: Nydia Lee  Tabulator: Alicia Chien
Step:
1. Insert the small hole next to combo tray (6053B1223901) by tool pin in order to withdraw the combo tray. (Fig.3)

Notes: If finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>Holding fixture list (holding fixture standard)</th>
<th>Qty</th>
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<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Alicia Chien   Auditor: Nydia Lee   Issue department: NPSU-PPE
Step:

1. Put the machine on fixed position fixture, disassemble rear cover by stick. (Fig.1)

Notes: If finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>Holding fixture list (holding fixture standard)</th>
<th>Qty</th>
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<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rear Cover Fixed Position Fixture</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Step:
1. Disassemble rear plate (6054B1642201) by stick. (Fig.1)

Notes: If finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
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</thead>
</table>

Tabulator: Alicia Chien  Auditor: Nydia Lee  Issue department: NPSU-PPE
Step:

   (Fig.1 / Fig.2 / Fig.3)

Notes: If finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>Holding fixture list (holding fixture standard)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Electric cross screwdriver ( #0 )</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Step:
1. Loosen screw (6052B0161601) * 7.
   (Fig.1)

Notes: If finding anything uncommon, notice foreman or assistant at once.

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<tr>
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</table>

Tabulator: Alicia Chien       Auditor: Nydia Lee       Issue department: NPSU-PPE
Step:

1. Loosen screw (6052B0161601) * 7. (Fig.1)

Notes: If finding anything uncommon, notice foreman or assistant at once.

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<tr>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Alicia Chien  
Auditor: Nydia Lee  
Issue department: NPSU-PPE
Step:

1. Disassemble middle frame. (Fig.1 / Fig.2)

2. Rip graphite sheet (6054B1667601). (Fig.3)

Notes: If finding anything uncommon, notice foreman or assistant at once.
Step:

1. Disassemble side key button
   (6051B1035201). (Fig.1 / Fig.2)

Notes: If finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>Holding fixture list (holding fixture standard)</th>
<th>Qty</th>
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<th>Qty</th>
</tr>
</thead>
</table>

Tabulator: Alicia Chien   Auditor: Nydia Lee   Issue department: NPSU-PPE
Step:
1. Rip the golden tape (6054B1713401) that is on front camera CNTR / back camera CNTR / USB CNTR. (Fig.1 / Fig.2)

2. Rip the golden tape (6054B1714201) that is on speaker CNTR. (Fig.3)

3. Rip the gasket (6054B0721801) that is on front camera , M/B CPU Shielding , side key FPC ,M/B CPU Shielding * 2. (Fig.4)

Notes: If finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>Holding fixture list (holding fixture standard)</th>
<th>Qty</th>
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<th>Qty</th>
</tr>
</thead>
</table>

Tabulator: Alicia Chien  
Auditor: Nydia Lee  
Issue department: NPSU-PPE
Step:

1. Disassemble side key FPC (6046B0070601) FPC board to board CNTR from M/B, then disassemble side key. (Fig.1 / Fig.2)

2. Disassemble battery FPC board to board CNTR from M/B. (Fig.3)

Notes: If finding anything uncommon, notice foreman or assistant at once.
Step:

1. Disassemble MIC-1 FPC board to board CNTR from M/B, then disassemble MIC-1.
   (Fig.3 / Fig.4)

2. Disassemble MIC bumper (6054B1644101)
   * 2. (Fig.1)/ (Fig.2)

   MIC-1 P/N : 6046B0070401
   MIC-2 P/N : 6046B0070501

Notes: If finding anything uncommon, notice foreman or assistant at once.
Step:
1. Disassemble MIC-1. (Fig.1 / Fig.2)

Notes: If finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>Holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>Holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Alicia Chien  
Auditor: Nydia Lee  
Issue department: NPSU-PPE
Step:
1. Disassemble FPC. (Fig.1)

2. Rip golden tape (6054B1713401). (Fig.2)

Notes: If finding anything uncommon, notice foreman or assistant at once.

Holding fixture list (holding fixture standard) | Qty | Holding fixture list (holding fixture standard) | Qty
---|---|---|---

Tabulator: Alicia Chien  
Auditor: Nydia Lee  
Issue department: NPSU-PPE
Step:

1. Rip acid tape (6054A0076201) * 2. (Fig.1)

2. Disassemble WLAN antenna cable plug. (Fig.2)

3. Disassemble WLAN-Main antenna cable.

Notes: If finding anything uncommon, notice foreman or assistant at once.

### Holding fixture list (holding fixture standard)

<table>
<thead>
<tr>
<th>Qty</th>
<th>Holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
</table>

Tabulator: Alicia Chien  
Auditor: Nydia Lee  
Issue department: NPSU-PPE
Step:

1. Draw out the blue tape * 3.

2. Disassemble battery (6027B0137101).
   (Fig.1 / Fig.2)

Notes: If finding anything uncommon, notice foreman or assistant at once.
Step:

1. Rip the Cu foil that is on WLAN-Main antenna (6036B0162701).

Notes: If finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>Holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>Holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
</table>

Tabulator: Alicia Chien          Auditor: Nydia Lee          Issue department: NPSU-PPE
Step:

1. Rip acid tape * 3.

2. Disassemble WWAN-AUX antenna.
   (6036B0162301)

Notes: If finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>Holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>Holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Alicia Chien  
Auditor: Nydia Lee  
Issue department: NPSU-PPE
Step:
1. Disassemble WWAN(Main) antenna cable & speaker & P Sensor FPC.

Notes: If finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>Holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>Holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
</table>

Tabulator: Alicia Chien  
Auditor: Nydia Lee  
Issue department: NPSU-PPE
Step:
1. Loosen screw (6052B0161601) * 2. (Fig.1)
2. Disassemble WWAN-Main antenna + speaker module (Fig.2)

Notes: If finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>Holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electric cross screwdriver ( #0 )</td>
<td>1</td>
</tr>
</tbody>
</table>

Tabulator: Alicia Chien  
Auditor: Nydia Lee  
Issue department: NPSU-PPE
Standard Operation Procedure

Document No. Fireball FA DIS ASS’Y SOP
Station: 19(1/1)
Name: Disassemble WLAN-AUX+BT Antenna
Ver.: 0.1
Date: 2015/08/28

Step:
1. Disassemble WLAN-AUX+BT antenna (6036B0162501).

Notes: If finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>Holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>Holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
</table>

Tabulator: Alicia Chien  Auditor: Nydia Lee  Issue department: NPSU-PPE
Step:
1. Rip gasket (6054B0721801). (Fig.1 / Fig.2)

2. Disassemble USB FPC (6046B0070201). (Fig.3)

Notes: If finding anything uncommon, notice foreman or assistant at once.
Step:

1. Rip the CU foil that is on LCM FPC. (6054B1713901). (Fig.1)

2. Disassemble LCM FPC (6046B0070301). (Fig.2)

Notes: If finding anything uncommon, notice foreman or assistant at once.
Step:

1. Rip the CU foil. (Fig.1)

2. Rip acid tape, disassemble FPC.
   (Fig.2 / Fig.3)

3. Disassemble touch control/B from front frame. (Fig.3)

Notes: If finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>Description</th>
<th>Qty</th>
<th>Description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Holding fixture list (holding fixture standard)</td>
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<td></td>
</tr>
</tbody>
</table>

Tabulator: Alicia Chien  
Auditor: Nydia Lee  
Issue department: NPSU-PPE
Step:

1. Rip golden tape (6054B1714501) * 1, then disassemble USB/B (1310A2765101).
   (Fig.1 / Fig.2)

2. Disassemble Micro USB bracket (6053B1223501). (Fig.3)

Notes: If finding anything uncommon, notice foreman or assistant at once.
Step :

1. Loosen WWAN module screw, then disconnect it from M/B. (Fig.1)
   - Huawei ME936 → P/N 6042B0329001
   - Huawei ME206 → P/N 6042B0335401

2. Rip gasket (6054B1714701). (Fig.2)

Notes : If finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>Holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>Holding fixture list (holding fixture standard)</th>
<th>Qty</th>
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</thead>
<tbody>
<tr>
<td>Electric cross screwdriver ( #0 )</td>
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<td></td>
</tr>
</tbody>
</table>
Standard Operation Procedure

Document No.  Fireball FA DIS ASS’Y SOP  Station  25(1/1)
Name  Disassemble M/B  Ver.  0.1  Date  2015/08/28

Notes: If finding anything uncommon, notice foreman or assistant at once.

Step:
1. Loosen M/B screw (6052B0303701) * 1. (Fig.1)

2. Take out the M/B. (Fig.2)

Fig.2

<table>
<thead>
<tr>
<th>Holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>Holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
</table>

Tabulator: Alicia Chien  Auditor: Nydia Lee  Issue department: NPSU-PPE
Step:
1. Disassemble audio bracket (6053B1223401). (Fig.1)
2. Rip the gasket (6054B0721801). (Fig.2)

Notes: If finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>Holding fixture list (holding fixture standard)</th>
<th>Qty</th>
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<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electric cross screwdriver ( #0 )</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Alicia Chien  
Auditor: Nydia Lee  
Issue department: NPSU-PPE
Step:

1. Disassemble the front camera (6047B0062701).

2. Disassemble the back camera (6047B0064201).

Notes: If finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>Holding fixture list (holding fixture standard)</th>
<th>Qty</th>
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<th>Qty</th>
</tr>
</thead>
</table>

Tabulator: Alicia Chien  
Auditor: Nydia Lee  
Issue department: NPSU-PPE
Step:

1. Rip the golden tape (6054B1714101) * 1.

(Fig.1)

2. Rip the golden tape (6054B1714401) * 1.

(Fig.2)

Notes: If finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>Holding fixture list (holding fixture standard)</th>
<th>Qty</th>
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</thead>
</table>

Tabulator: Alicia Chien  
Auditor: Nydia Lee  
Issue department: NPSU-PPE
Standard Operation Procedure

Document No.  Fireball FA DIS ASS'Y SOP  Station : 29(1/1)
Name : Rip Acid Tape  Ver. : 0.1  Date : 2015/08/28

Step:
1. Rip acid tape (6054A0076201) * 1. (Fig.1)

Notes: If finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>Holding fixture list (holding fixture standard)</th>
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</tr>
</thead>
</table>

Tabulator : Alicia Chien  Auditor : Nydia Lee  Issue department : NPSU-PPE
Step:

1. Rip RF-1 foil (6054B1713201).
   (Fig.1 / Fig.2)

2. Rip RF-2 foil (6054B1713301).
   (Fig.1 / Fig.3)

Notes: If finding anything uncommon, notice foreman or assistant at once.