# Product End-of-Life Disassembly Instructions

**Product Category:** Notebooks and Tablet PCs

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

- HP Mini 100e Education Edition Notebook PC

**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>2</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>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,</td>
<td>Include the cartridges, print heads, tubes, vent</td>
<td>0</td>
</tr>
</tbody>
</table>

PSG instructions for this template are available at [EL-MF877-01](EL-MF877-01)
including liquids, semi-liquids (gel/paste) and toner chambers, and service stations.

| Components and waste containing asbestos | 0 |
| Components, parts and materials containing refractory ceramic fibers | 0 |
| Components, parts and materials containing radioactive substances | 0 |

### 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 Motor-screw-driver “+”</td>
<td>Cross head of screwdriver</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. 

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).
STEP:

1. Disassemble Battery

Point for attention: If finding some defects, notice the gaffer and assisent

<table>
<thead>
<tr>
<th>Fixture list (Fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Notebook</td>
<td>1</td>
</tr>
</tbody>
</table>

Tabulator: Xiong, Jun
Working Instruction

Name: Loosen Screws & Disassemble Service Door

STEP:

1. Loosen Screws (M2.0 x L4) * 2 (Fig. 1)
   ◆ Torsion: 1.5 ± 0.2 kgf·cm
   ◆ Screw can't be stripped

2. Disassemble Service Door and take it away (Fig. 2 & 3)

Point for attention: If finding some defects, notice the gaffer and assisent

<table>
<thead>
<tr>
<th>Fixture list (Fixture standard)</th>
<th>Qty</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Automatic crossing screw driver</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Working Instruction

Document No. : Disassembly WI
Name : Disassemble Antenna & Power Board & CMOS Cable

STEP:

1. Disassemble Antenna interface from WLAN (Fig. 1)

2. Disassemble Power Board Cable from MB CNTR (Fig. 2)

3. Disassemble CMOS Cable from MB CNTR (Fig. 2)

Point for attention: If finding some defects, notice the gaffer and assisent

Fixture list (Fixture standard) | Qty | Fixture list (Fixture standard) | Qty
--- | --- | --- | ---
Working Instruction

Document No. : Disassembly WI
Name : Loosen Screw & Disassemble WLAN/WWAN

STEP:

1. Loosen Screw (M2.0xL4) \*1
   - Torsion: 1.5 ± 0.2 kgf·cm
   - Screw can't be stripped

2. Disassemble Service Door and take it out

Point for attention: If finding some defects, notice the gaffer and assistant

<table>
<thead>
<tr>
<th>Fixture list (Fixture standard)</th>
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Tabulator: Xiong, Jun
STEP:

1. Take down Memory from MB

Point for attention: If finding some defects, notice the gaffer and assisent

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</table>

Tabulator: Xiong, Jun
STEP:

1. Loosen Screws (M3 x L3) x 4
   ◆ Torsion: 1.5±0.2 kgf·cm
   ◆ Screw can't be stripped

2. Disassemble HDD by pull up the HDD pull-tab

3. Disassemble HDD Connector

Point for attention: If finding some defects, notice the gaffer and assisent

<table>
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</tbody>
</table>

Tabulator: Xiong, Jun
Working Instruction

Document No. : Disassembly WI
Name : Disassemble HDD Bracket

STEP:

1. Loosen Screws (M3 x L3)*4 (Fig. 1 & 2)
   ◆ Torsion: 2.5±0.2 kgf·cm
   ◆ Screw can't be stripped

2. Disassemble HDD Bracket (Fig. 3)

Point for attention: If finding some defects, notice the gaffer and assisent

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<thead>
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<tr>
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<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Xiong, Jun
STEP:

1. Loosen Screws (M2 x L6)*5
   ◆ Torsion: 1.5±0.2 kgf·cm
   ◆ Screw can't be stripped

Point for attention: If finding some defects, notice the gaffer and assisent

<table>
<thead>
<tr>
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<td>Automatic crossing screw driver</td>
<td>1</td>
<td></td>
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</tbody>
</table>

Tabulator: Xiong, Jun
STEP:

1. Loosen Screws (M2.5 x L6)*4
   - Torsion: 1.5±0.2 kgf-cm
   - Screw can't be stripped

Point for attention: If finding some defects, notice the gaffer and assistant

<table>
<thead>
<tr>
<th>Fixture list (Fixture standard)</th>
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Tabulator: Xiong, Jun
Working Instruction

Document No.: Disassembly WI
Name: Loosen Screws
Step: 10
Date: 2010/5/20

Point for attention: If finding some defects, notice the gaffer and assisent

<table>
<thead>
<tr>
<th>Fixture list (Fixture standard)</th>
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<tbody>
<tr>
<td>Automatic crossing screw driver</td>
<td>1</td>
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</tbody>
</table>

STEP:

1. Loosen Screws (M2.5 x L6)*4
   - Torsion: 1.5±0.2 kgf·cm
   - Screw can't be stripped
Working Instruction

Document No. : Disassembly WI
Name : Disassemble Key Board Frame
Date : 2010/5/20

STEP:

1. Disassemble Key Board Frame and take it away
   ◆ Remove K/B frame hook from the top right corner firstly, then with order 1 to 3

Point for attention: If finding some defects, notice the gaffer and assistant

<table>
<thead>
<tr>
<th>Fixture list(Fixture standard)</th>
<th>Qty</th>
<th>Fixture list(Fixture standard)</th>
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</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>

Tabulator: Xiong, Jun
Working Instruction

Document No.: Disassembly WI
Name: Disassemble K/B

Ver.: 1.00
Step: 12
Date: 2010/5/20

STEP:

1. Disassemble K/B
   ◆ Disassemble the hook of K/B first (Fig. 1)

2. Disassemble K/B FFC CNTR (Fig. 2)

Point for attention: If finding some defects, notice the gaffer and assistant

<table>
<thead>
<tr>
<th>Fixture list (Fixture standard)</th>
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</table>

Tabulator: Xiong, Jun
Working Instruction

STEP:

1. Loosen Screws (M2 x L6) x 2
   - Torsion: 1.5±0.2 kgf·cm
   - Screw can't be stripped

Point for attention: If finding some defects, notice the gaffer and assistant

<table>
<thead>
<tr>
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<td>Automatic crossing screw driver</td>
<td>1</td>
<td></td>
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Tabulator: Xiong, Jun
STEP:

1. Disassemble Switch Board FFC and TP FFC (Fig. 1 & 2)

Point for attention: If finding some defects, notice the gaffer and assistant.

<table>
<thead>
<tr>
<th>Fixture list (Fixture standard)</th>
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<th>Qty</th>
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</table>

Tabulator: Xiong, Jun
STEP:

1. Disassemble KB Deck

Point for attention: If finding some defects, notice the gaffer and assistant.

<table>
<thead>
<tr>
<th>Fixture list (Fixture standard)</th>
<th>Qty</th>
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<tr>
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</table>

Tabulator: Xiong, Jun
STEP:

1. Tear the tape of cable (Fig. 1)

2. Take out Antenna from the hole (Fig. 2)

Point for attention: If finding some defects, notice the gaffer and assisent.
STEP:

1. Tear the tape of cable (Fig. 1).
2. Disassemble Speaker cable from MB CNTR (Fig.1).
3. Disassemble LVDS cable from MB CNTR (Fig.2).

Point for attention: If finding some defects, notice the gaffer and assistant.

Tabulator: Xiong, Jun
Working Instruction

Document No. : Disassembly WI
Name : Loosen Screws & Disassemble LCD Module

STEP:
1. Loosen Screws (M2 x L4)*3
   ◆ Torsion: 2.5±0.2 kgf·cm
   ◆ Screw can't be stripped
2. Disassemble LCD Module and take it away

Point for attention: If finding some defects, notice the gaffer and assisent

<table>
<thead>
<tr>
<th>Fixture list (Fixture standard)</th>
<th>Qty</th>
<th>Fixture list (Fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic crossing screw driver</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Xiong, Jun
Working Instruction

Document No.: Disassembly WI
Name: Loosen Screws & Disassemble Handle

STEP:

1. Loosen Screws (M2 x L9)*3
   ◆ Torsion: 1.5±0.2 kgf·cm
   ◆ Screw can't be stripped

2. Disassemble Handle
   and take it away

Point for attention: If finding some defects, notice the gaffer and assisent

<table>
<thead>
<tr>
<th>Fixture list (Fixture standard)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Automatic crossing screw driver</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Xiong, Jun
STEP:

1. Loosen Screws (M2 x L6) * 4
   - Torsion: 1.5 ± 0.2 kgf·cm
   - Screw cannot be stripped

Point for attention: If finding some defects, notice the gaffer and assisent

<table>
<thead>
<tr>
<th>Fixture list (Fixture standard)</th>
<th>Qty</th>
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</thead>
<tbody>
<tr>
<td>Automatic crossing screw driver</td>
<td>1</td>
<td></td>
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</table>

Tabulator: Xiong, Jun
Working Instruction

Document No. : Disassembly WI
Name : Disassemble MB

Setp:
1. Disassemble RJ11 Connector from Base (Fig.1&2)
2. Disassemble MB (Fig.3)

Point for attention: If finding some defects, notice the gaffer and assisent

<table>
<thead>
<tr>
<th>Fixture list (Fixture standard)</th>
<th>Qty</th>
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</tr>
</thead>
</table>

Tabulator: Xiong, Jun
Working Instruction

Document No.: Disassembly WI
Name: Disassemble MDC

STEP:

1. Tear the tape of cable(Fig.1)

2. Loosen Screws(M2xL3)*2
   ◆ Torsion: 1.5±0.2 kgf·cm
   ◆ Screw can't be stripped

3. Disassemble MDC and take it away(Fig.2)

<table>
<thead>
<tr>
<th>Fixture list(Fixture standard)</th>
<th>Qty</th>
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<th>Qty</th>
</tr>
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<tr>
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<td>1</td>
<td></td>
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</tr>
</tbody>
</table>

Tabulator: Xiong, Jun

Point for attention: If finding some defects, notice the gaffer and assisent
Working Instruction

Document No. :Disassembly WI  
Name :Disassemble Thermal Modul  

STEP:

1. Loosen Screws*4(Fig.1)
   ◆ Torsion: 2.5±0.2 kgf·cm
   ◆ Screw can't be stripped

2. Disassemble Fan cable from MB CNTR(Fig.2)

3. Disassemble Thermal Module

Point for attention : If finding some defects, notice the gaffer and assisent

<table>
<thead>
<tr>
<th>Fixture list(Fixture standard)</th>
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<tr>
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<td></td>
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</table>

Tabulator: Xiong,Jun
STEP:

1. Disassemble hook between Display Cover and Bezel with order 1 to 3

Point for attention: If finding some defects, notice the gaffer and assisent
Working Instruction

Document No.: Disassembly WI
Name: Loosen Screws

STEP:
1. Loosen Screws (M2.5 x L5)*6
   ◆ Torsion: 2.5±0.2 kg-f·cm
   ◆ Screw can't be stripped

Point for attention: If finding some defects, notice the gaffer and assistant

<table>
<thead>
<tr>
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<tr>
<td>Automatic crossing screw driver</td>
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</table>

Tabulator: Xiong, Jun
STEP:

1. Loosen Screws (M2x L3)*2 (Fig.1)
   ◆ Torsion: 2.5±0.2 kgf·cm
   ◆ Screw can't be stripped

2. Disassemble Camera cable from Camera CNTR (Fig.2)

3. Disassemble LCD Panel and take it out

Point for attention: If finding some defects, notice the gaffer and assistant

<table>
<thead>
<tr>
<th>Fixture list (Fixture standard)</th>
<th>Qty</th>
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<td></td>
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Tabulator: Xiong, Jun
STEP:

1. Tear the tape of LVDS cable (Fig. 1)

2. Disassemble LVDS cable from LCD panel (Fig. 2)

Point for attention: If finding some defects, notice the gaffer and assistant.

<table>
<thead>
<tr>
<th>Fixture list (Fixture standard)</th>
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</table>

Tabulator: Xiong, Jun
Working Instruction

Document No.: Disassembly WI
Name: Loosen Screws

STEP:

1. Loosen Hinge Bracket
   Screws (M2x L2) *4 (Fig. 1&2)
   ◆ Torsion: 1.5±0.2 kgf·cm
   ◆ Screw can't be stripped

Point for attention: If finding some defects, notice the gaffer and assisent

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Tabulator: Xiong, Jun
STEP:

1. Loosen Screws (M2x L3)*1
   ◆ Torsion: 1.5±0.2 kgf·cm
   ◆ Screw can't be stripped

2. Disassemble Camera and take it out

<table>
<thead>
<tr>
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Point for attention: If finding some defects, notice the gaffer and assisent.

Tabulator: Xiong, Jun
STEP:

1. Tear the tape of Antenna (Fig.1)
2. Disassemble Bluetooth with Antenna and take it away (Fig.2)

Point for attention: If finding some defects, notice the gaffer and assisent