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

**Product Category:** Notebooks and Tablet PCs

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

<table>
<thead>
<tr>
<th>Name / Model #2</th>
<th>Name / Model #3</th>
<th>Name / Model #4</th>
<th>Name / Model #5</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP Mini 1103 Notebook PC</td>
<td></td>
<td></td>
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</tbody>
</table>

**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, 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>
</tbody>
</table>

PSG instructions for this template are available at [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>Phillips screw driver</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 cartridges.
2. Remove case part
3. Remove service stations
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).
Working Instruction

Step 1:
1. Disassemble Battery (Fig. 1)
2. Take Off The Service Cover (Fig. 2)
3. Disassemble Rubber Root (Fig. 3 & Fig. 4)

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>
<th>Qty</th>
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<tbody>
<tr>
<td>Note Book</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
WORKING INSTRUCTION

Document No. : Disassembly WI
Name : Disassemble Hinge cap

Date : 2010/7/06

STEP:
1. Open The Unit to 180 degree
2. Disassemble Hinge Cap

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

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

Tabulator: Nathan, Ho
Working Instruction

Document No.: Disassembly WI  
Step: 3  
Name: Disassemble Hinge Frame  
Date: 2010/7/06

STEP:
1. Loosen Screws (M2.0xL2.5) \( \times 2 \) (Fig.1&2)
   - Torsion: 1.5±0.2 kgf·cm
   - Screw can’t be stripped
2. Take away the Hinge Frame Form the Unit

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: Nathan, Ho
Working Instruction

STEP:
1. Take away the Blue and red Antenna Form the WWAN Card
2. Loosen Screw(M2.0xL3)*2
   - Torsion: 2.0±0.2 kgf·cm
   - Screw can't be stripped
3. Take Down WWAN Form MB

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>
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</tbody>
</table>

Tabulator: Nathan, Ho
Working Instruction

Document No.: Disassembly WI
Name: Disassemble Antenna & WLAN
Date: 2010/7/07
Step: 5

STEP:
1. Take away the Black and White Antenna Form the WLAN Card
2. Loosen Screw (M2.0xL3) x 2
   - Torsion: 2.0±0.2 kgf·cm
   - Screw can’t be stripped
3. Take Down WLAN Form MB

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>
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</tbody>
</table>
STEP:
1. Take down Memory from MB

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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>Note Book</td>
<td>1</td>
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<td></td>
</tr>
</tbody>
</table>
STEP:
1. Loosen Screws (M2 x L4.5) *3
   - Torsion : 2.0±0.2 kgf·cm
   - Screw can't be stripped
2. Disassemble HDD by pull up the HDD pull-tab
3. Disassemble HDD Connecter

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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</table>
Working Instruction

Document No. : Disassembly WI
Name : Take Down HDD

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

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

Tabulator: Nathan, Ho
Working Instruction

Ver. : 1.00  
Step : 9  
Document No. : Disassembly WI  
Name : Disassemble DC In Cable & RTC Battery  
Date : 2010/7/07

STEP:
1. Take off 1pcs Gasket (Fig.1)
2. Take Off 1pcs Rubber (Fig.2)
3. Take Away RTC Cable From MB (Fig.3)
4. Take Away RTC Battery From MB (Fig.4)
5. Take Away DC In cable From MB (Fig.2)

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

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Tabulator: Nathan, Ho
STEP:

1. Loosen Screws (M2.0 x L4.5)\(^*\)\(^4\)

- **Torsion**: 2.5±0.2 kgf·cm
- **Screw can't be stripped**

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

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

Document No. : Disassembly WI
Name : Loosen Screws

Ver. : 1.00
Step : 11
Date : 2010/7/07

STEP:

1. Loosen Screws (M2.5 x L5)*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

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

Name : Loosen Screws

STEP:

1. Loosen Screws (M2.0 x L4.5) *4
   - Torsion : 2.0±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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<th>Fixture list (Fixture standard)</th>
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</thead>
<tbody>
<tr>
<td>Automatic crossing screw driver</td>
<td>1</td>
<td></td>
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</tr>
</tbody>
</table>
STEP:

1. Disassemble Key Board Frame and take it away
   - Remove K/B from the top firstly,
     then with order 1 to 3
2. Pull Out K/B Conneter

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

Document No. : Disassembly WI
Name : Loosen Screws

Ver. : 1.00
Step : 14
Date : 2010/7/07

STEP:
1. Loosen Screws (M2.0 x L4.5)*8
   ◆ Torsion : 2.0±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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<th>Fixture list (Fixture standard)</th>
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</tbody>
</table>
Working Instruction

Document No. : Disassembly WI
Name : Disassemble Antenna & WWAN

Ver. : 1.00
Step : 15
Date : 2010/7/07

STEP:
1. Disassemble TP FFC (Fig.1)
2. Pull Out Speaker Cable (Fig.2)
3. Disassemble KB Deck (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>
<th>Fixture list (Fixture standard)</th>
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<tbody>
<tr>
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</tbody>
</table>
Working Instruction

Document No.: Disassembly WI
Name: Disassemble Antenna & WWAN
Step: 16
Date: 2010/7/07

Ver.: 1.00

STEP:
1. Disassemble LVDS Cable And Take It Away
2. Loosen Screws (M2 x L4.5)*2 (Fig. 3)
   - Torsion: 2.0±0.2 kgf-cm
   - Screw can't 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>
<th>Fixture list (Fixture standard)</th>
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</thead>
<tbody>
<tr>
<td>Automatic crossing screw driver</td>
<td>1</td>
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<td></td>
</tr>
</tbody>
</table>

Tabulator: Nathan, Ho
Working Instruction

Document No. : Disassembly WI
Name : Take Down MB
Step : 17
Date : 2010/7/07

STEP:
Take out the MB, The starboard side of MB first
Notice: Don't Touch The Electronic Element

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

Tabulator: Nathan, Ho
**Working Instruction**

**Document No.** : Disassembly WI  
**Step** : 18  
**Name** : Dissassembly Thermal Module  
**Date** : 2010/7/07

**Fig.1**

3
4

**Tabulator:** Nathan, Ho

**STEP:**
1. Loosen Screws (M2.0 x L4.5)*2(3&4)
2. Loosen Screws*2(1&2)
   - Torsion: 2.0±0.2 kgf·cm
   - Screw can't be stripped
3. Disassemble Fan cable from MB (Fig.1)
4. Disassemble Thermal Module

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

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

Document No. : Disassembly WI
Name : Disassembly Hinge

Ver. : 1.00
Step : 19
Date : 2010/7/06

STEP:
1. Disassembly Screws on the Hinge (M2.5*L5)*2 (Fig.2&Fig.3)
2. Pull the Antenna
3. Abruption D cover And LCD

Fixtures

<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>
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<td>Fixtures list(Fixture standard)</td>
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</tbody>
</table>

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

Tabulator: Nathan, Ho
Working Instruction

Document No. : Disassembly WI  
Ver. : 1.00  
Name : Take Down Hinge  
Step : 20  
Date : 2010/7/07

Fig.1

STEP:
1. Loosen Screws (M2 x L5)*2 (Fig.1 & 2)  
   - Torsion: 2.0±0.2 kgf·cm  
   - Screw can't be stripped
2. Take Away the Hinges

Fig.2

Tabulator: Nathan, Ho

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

Point for attention: If finding some defects, notice the gaffer and assisent.
STEP:
Disassemble hook between PMMA and LCD with order 1 to 3

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

**Document No.** : Disassembly WI  
**Name** : Take Down PMMA  
**Ver.** : 1.00  
**Step** : 22  
**Date** : 2010/7/07

---

**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>
</table>

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**STEP:**
1. Detach the PMMA, LVDS Cable Cross the orifice First
2. Antenna Cross the orifice

---

[Images with labeled parts: LVDS Cable, Antenna Cross]
Working Instruction

Document No. : Disassembly WI
Name           : Loosen Screws

Verification: 1.00
Step: 23
Date: 2010/7/06

Fig. 1
Tabulator: Nathan, Ho

STEP:

1. Loosen Screws (M2 x L3)*6
   With Order 1 to 3 (Fig. 1)
   - Torsion: 1.5±0.2 kgf·cm
   - Screw can't be stripped

Fig. 2
Tabulator: Nathan, Ho

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

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

Tabulator: Nathan, Ho
Working Instruction

Document No. : Disassembly WI
Name : Disassembly Camera
Date : 2010/7/06

STEP:

1. Loosen Screws in the Camera Board
   (M2.0 x L2.5)*1
   • Torsion : 1.3±0.2 kgf cm
   • Screw can't be stripped
2. Take off the Camera From A Cover
3. Tear the Mylar (Fig.3)

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

Tabulator: Nathan, Ho
Working Instruction

Document No. : Disassembly WI
Name : Disassembly LCD Panel
Date : 2010/7/06

Ver. : 1.00
Step : 25

STE: 1. Overturn LCD, Tear the Adhesive tape
    2. Pull out LVDS Cable from LCD panel

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

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

Tabulator: Nathan, Ho
STEP:
1. Take out the LCD panel
2. Tear the aluminum foil around the panel

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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</tbody>
</table>

Tabulator: Nathan, Ho
Working Instruction

Name: Loosen Screws

Ver. : 1.00
Step : 27
Document No. : Disassembly WI
Date : 2010/7/06

Fig. 1

STEP:
1. Loosen Hinge Bracket
   Screws (M2 x L2.5)*4 (Fig. 1&2)
   • Torsion: 1.3±0.2 kgf·cm
   • Screw can't be stripped

Fig. 2

Tabulator: Nathan, Ho

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>
<td></td>
<td></td>
</tr>
</tbody>
</table>
STEP:

1. Disassemble Bluetooth with Antenna and take it away (Fig. 2)

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