Product End-of-Life Disassembly Instructions

Product Category: Personal Computers

Marketing Name / Model
[List multiple models if applicable.]
HP RP7 Retail System

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 PCA</td>
<td>1</td>
</tr>
<tr>
<td>Batteries</td>
<td>All types including standard alkaline and lithium coin or button style batteries RTC</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 N/A</td>
<td>2</td>
</tr>
<tr>
<td>Cathode Ray Tubes (CRT)</td>
<td>N/A</td>
<td>0</td>
</tr>
<tr>
<td>Capacitors / condensers (Containing PCB/PCT)</td>
<td>N/A</td>
<td>0</td>
</tr>
<tr>
<td>Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height</td>
<td>N/A</td>
<td>0</td>
</tr>
<tr>
<td>External electrical cables and cords</td>
<td>Power cord</td>
<td>1</td>
</tr>
<tr>
<td>Gas Discharge Lamps</td>
<td>N/A</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>N/A</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. N/A</td>
<td>0</td>
</tr>
<tr>
<td>Components and waste containing asbestos</td>
<td>N/A</td>
<td>0</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Components, parts and materials containing refractory ceramic fibers</th>
<th>N/A</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Components, parts and materials containing radioactive substances</td>
<td>N/A</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>Hexagonal Screwdriver (T15)</td>
<td>T15 2.55-3.00kgf.cm</td>
</tr>
<tr>
<td>Philips Screwdriver</td>
<td>2# 2.55-3.00kgf.cm</td>
</tr>
<tr>
<td>Slotted Screwdriver</td>
<td>2# 2.55-3.00kgf.cm</td>
</tr>
<tr>
<td>Knife</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. Disassembly process – Rear Panel (Fig1-1~1-18)
2. Disassembly process – Base (Fig 2-1~2-11)
3. Disassembly process – Support/Mainboard (Fig3-1~3-22)
4. Disassembly process – Front Panel (Fig 4-1~4-24)
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).

**Figure 1-1.** Separate the rear panel by loosening 2 screws.

**Figure 1-2.** Remove the connector cover.

**Figure 1-3.** Separate the rear cover.

**Figure 1-4.** Separate the frame of PCBA by loosening 4 screws.

**Figure 1-5.** Loosen 2 screws on PCBA.

**Figure 1-6.** Separate the PCBA by loosening 4 nuts of connectors and 1 screw.
Remove the cable, speaker and tape.

Separate the panel by loosening 4 screws.

Remove the PCBAS of button.

Separate the touch screen.

Tear off the foam tape from frame.

Tear off the tape on panel.
Loosen 1 screw to remove the rear Bottom cover.
Separate the metal frame.
Separate X board.
Separate LED module by loosening 2 screws.
Remove the plastic film from frame.
Completed disassembly.
Separate the frame on base.

Separate the support of rear panel by loosening 2 screws.

Open the cover for panel of base.

Separate the frame of panel by loosening 6 screws.

Separate the power supplier.

Separate the front panel by loosening 6 screws.

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Separate the metal frame of base by loosening 26 screws.

Remove the frame of power supplier.

Remove the rubber tape from frame of support by loosening 6 screws.

Separate the metal sheet of rear panel by loosening 6 screws.

Completed disassembly.
Separate the cover of connector.

Separate the cover of hinge.

Push out the rear cover.

Pull out the HD.

Separate the fan by loosening 3 screws.

Separate the heat sink by loosening 3 screws.

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Take off the DRAM and CPU.

Loosen 2 screws to remove the frame of CPU.

Take off the battery.

Separate the frame of HD by loosening 1 screw.

Loosen 4 screws to remove the cable from frame of HD.

Separate the PCBA by loosening 5 screws.
Take off the heat sink.

Remove the connector module by loosening 2 screws.

Remove the metal sheet from PCBA.

Take off the cables.

Separate the support by loosening 5 screws.

Remove metal sheet by loosening 5 screws.
Remove the cover of hinge and metal ring.

Remove the cover of hinge by loosening 1 screw.

Completed disassembly.

Remove the covers.

Loosen 10 screws to remove the metal frame.

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Separate the scanners.

Loosen 10 screws to remove the scanner device.

Separate rear cover by loosening 16 screws.

Separate PCBA by loosening 5 screws.

Loosen 2 screws to remove the PCBA.

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Separate the metal sheet by loosening 12 screws.

Separate the metal cover of PCBA by loosening 3 screws.

Separate the panel.

Separate the power button by loosening 1 screw.

Separate the touch screen.

Remove the FPC.

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Tear off the protective film.

Separate the metal frame.

Take off the X-board.

Separate the plastic frame.

Remove the plastic film.

Remove the LED module.
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