# Product End-of-Life Disassembly Instructions

**Product Category:** Personal Computers

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

HP RP7 Retail System, Model 7100

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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 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 N/A</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 Lcd</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>
<tr>
<td>Components, parts and materials containing refractory ceramic fibers</td>
<td>N/A</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 | N/A | 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>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>

Description #5

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 (Fig 1-1~1-18)
2. Disassembly process – Base (Fig 2-1~2-12)
3. Disassembly process – Support/Mainboard (Fig 3-1~3-26)
4. Disassembly process – Front Panel (Fig 4-1~4-23)
5. 
6. 
7. 
8. 
9. 
10. 
11. 

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).
Separate the rear panel by loosening 2 screws.

Remove the connector cover.

Separate the rear cover.

Separate the frame of PCBA by loosening 4 screws.

Loosen 2 screws on PCBA.

Separate the PCBA by loosening 4 nuts of connectors and 1 screw.

PSG instructions for this template are available at EL-MF877-01
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.

PSG instructions for this template are available at EL-MF877-01
Remove all tape and cables

Separate the metal frame panel cover.

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 4 screws.

Separate the power supplier.

Separate the front panel by loosen 4 screws.
Separate the metal frame of base by loosening 32 screws.

Remove the frame of power supplier.

Remove the rubber tape from frame of rear panel.

Separate the metal sheet of rear panel by loosening 8 screws.

Separate the metal hinge from support of rear panel by loosening 4 screws.

Completed disassembly.
Push out the cover of support base.

Separate the cover of support.

Separate the cover of connect.

Loosen 2 screws on base.

Open the upper cover.

Separate the upper cover by loosening 2 screws.

PSG instructions for this template are available at EL-MF877-01
Push out the rear cover.

Separate the base of PCB Assembly by loosening 6 screws.

Remove the rubber pad

Separate the heat sink by loosening 8 screws.

Separate the HD by loosening 3 screws. Separate the PCB assembly of 12V USB by loosening 2 screws.
Take off the DRAM and CPU.

Take off the battery.

Separate the speaker by loosening 2 screws.

Separate the PCB Assembly by loosening 1 screws.

Separate the main PCB Assembly by 3 Screws.

Remove the rubber pad.

PSG instructions for this template are available at EL-MF877-01
Separate the antennas by loosening 4 screws.

Separate the metal backing of PCB Assembly.

Separate the upper cover by loosening 4 screws. Separate the metal piece of upper cover.

Separate the LED indicator by loosening 1 screw. Separate the metal support by loosening 5 screws.

PSG instructions for this template are available at EL-MF877-01
Separate the metal base by loosening 3 screws.

Completed disassembly.

Push out 4 pieces of cover.

Tear off the sticker and sheet.

Open the rear cover by loosening 24 screws.

Separate the metal piece of PCB assembly by loosening 5 screws.

PSG instructions for this template are available at EL-MF877-01
Take off the usb connector and speaker.

Separate the PCB assembly by loosening 2 screws.

Separate the metal cover by loosening 12 screws.

Separate the cables.

Separate the button PCB assembly by loosening 1 screw.

Separate the metal cover of PCB assembly loosening 3 screws.

PSG instructions for this template are available at EL-MF877-01
Remove the PCB assembly of button.

Separate the panel.

Take off the protective film.

Remove the FPC.

Tear off the protective film.

Separate the metal frame.

PSG instructions for this template are available at EL-MF877-01
Take off the X-board.

Separate the plastic frame.

Remove the plastic film.

Remove the LED module.

Completed disassembly.
Figure 4-23
Completed disassembly.