Product End-of-Life Disassembly Instructions

Product Category: LaserJet Printers

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

- HP Color LaserJet Managed MFP E77822dn
- HP Color LaserJet Managed MFP E77825dn
- HP Color LaserJet Managed MFP E77830dn

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>27</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 not present</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>not present</td>
<td>0</td>
</tr>
<tr>
<td>Capacitors / condensers (Containing PCB/PCT)</td>
<td>not present</td>
<td>0</td>
</tr>
<tr>
<td>Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>External electrical cables and cords</td>
<td>All Models</td>
<td>0</td>
</tr>
<tr>
<td>Gas Discharge Lamps</td>
<td>not present</td>
<td>1</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>Plastic parts installed in close proximity to heating/fusing units and paper path parts contain brominated flame retardants. Further, industry standard parts including fans, motors, cables, connectors, wiring and printed circuit boards also typically contain these flame retardants.</td>
<td>1</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>17</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>Standard Hand Tools</td>
<td></td>
</tr>
<tr>
<td>Screwdriver</td>
<td></td>
</tr>
<tr>
<td>Pincette</td>
<td></td>
</tr>
<tr>
<td>Pliers</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 toner cartridge.
2. Remove the outer housing skins and sort according to markings.
3. Disassemble the chassis using appropriate tools and set aside items requiring selective treatment.
4. Refer to 3.2 Optional Graphic showing locations of components and materials requiring selective treatment.
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).

Locations of “27ea PCAs” with a surface greater than 10 sq-cm, “2ea Batteries”, “4 capacitors” and “1 LCD”.

<table>
<thead>
<tr>
<th>Part description</th>
<th>Part no.</th>
<th>Qty</th>
<th>Location #</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>SATA RISER-PBA</td>
<td>JC92-02972A</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>FOMMATER-PBA</td>
<td>JC92-02973A</td>
<td>1</td>
<td>2</td>
<td>1 battery assembled</td>
</tr>
<tr>
<td>TOAST-PBA</td>
<td>JC92-02974A</td>
<td>1</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MIKE-PBA</td>
<td>JC92-02976A</td>
<td>1</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MAIN-PBA</td>
<td>JC92-02947A</td>
<td>1</td>
<td>5</td>
<td>1 battery assembled</td>
</tr>
<tr>
<td>MSOK-PBA</td>
<td>JC92-02782E</td>
<td>1</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>FDB(220V)</td>
<td>JC44-00211D</td>
<td>1</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>SMPS-TYPE5H(220V)</td>
<td>JC44-00250A</td>
<td>1</td>
<td>8</td>
<td>4 Capacitor assembled</td>
</tr>
<tr>
<td>HVPS</td>
<td>JC44-00212C</td>
<td>1</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>KEY-PBA</td>
<td>JC92-02969A</td>
<td>1</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>PAPER SIZE-PBA</td>
<td>JC92-02622A</td>
<td>2</td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>HUB JOINT-PBA</td>
<td>JC92-02951A</td>
<td>1</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>PBA-LSU LD</td>
<td>JC92-02420A</td>
<td>1</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td>Code</td>
<td>Quantity</td>
<td>PCA Assembled</td>
<td></td>
</tr>
<tr>
<td>-----------------------------------------</td>
<td>-----------------</td>
<td>----------</td>
<td>---------------</td>
<td></td>
</tr>
<tr>
<td>MOTOR DC-POLYGON + PCA</td>
<td>JC31-00066A</td>
<td>1</td>
<td>1 PCA assembled</td>
<td></td>
</tr>
<tr>
<td>MOTOR BLDC + PCA</td>
<td>JC31-00123A</td>
<td>5</td>
<td>1 PCA assembled</td>
<td></td>
</tr>
<tr>
<td>MOTOR BLDC + PCA</td>
<td>JC31-00123B</td>
<td>2</td>
<td>1 PCA assembled</td>
<td></td>
</tr>
<tr>
<td>PBA-SCAN JOINT</td>
<td>JC92-02781A</td>
<td>1</td>
<td>17</td>
<td></td>
</tr>
<tr>
<td>PBA-CDDM</td>
<td>JC92-02731A</td>
<td>1</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>PBA OPTION-DADF</td>
<td>JC92-02962A</td>
<td>1</td>
<td>19</td>
<td></td>
</tr>
<tr>
<td>CONTACT IMAGE SENSOR</td>
<td>0609-001558</td>
<td>1</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>MOTOR BLDC + PCA</td>
<td>JC31-00156C</td>
<td>1</td>
<td>1 PCA assembled</td>
<td></td>
</tr>
</tbody>
</table>
PSG instructions for this template are available at [EL-MF877-01](EL-MF877-01)
Locations of “1 plastic containing Brominated Flame Retardants” and “1 Gas Discharge Lamps”

<table>
<thead>
<tr>
<th>Part description</th>
<th>Part no.</th>
<th>Qty</th>
<th>Location #</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>COVER-FUSER DUPLEX</td>
<td>4713-001631</td>
<td>1</td>
<td>F1</td>
<td>containing BFR</td>
</tr>
<tr>
<td>LAMP-HALOGEN</td>
<td>JC61-04524A</td>
<td>1</td>
<td>F2</td>
<td>Gas discharge lamp</td>
</tr>
</tbody>
</table>

Lastly, “17 units containing toner”

<table>
<thead>
<tr>
<th>Part description</th>
<th>Part no.</th>
<th>Qty</th>
<th>Location #</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toner Cartridges</td>
<td>-</td>
<td>4</td>
<td>-</td>
<td>C,M,Y,K</td>
</tr>
<tr>
<td>CARTRIDGE DRUM</td>
<td>JC96-11591A</td>
<td>4</td>
<td>T1</td>
<td>C,M,Y,K</td>
</tr>
<tr>
<td>Developer</td>
<td>-</td>
<td>4</td>
<td>T2</td>
<td>C,M,Y,K</td>
</tr>
<tr>
<td>WTB</td>
<td>JC96-11636A</td>
<td>1</td>
<td>T3</td>
<td>Waste Toner Bottle</td>
</tr>
<tr>
<td>FRAME-DUCT</td>
<td>JC93-00483B</td>
<td>4</td>
<td>T4</td>
<td>C,M,Y,K</td>
</tr>
</tbody>
</table>
※ Please check the following items which no information is available at Dragon side

<table>
<thead>
<tr>
<th>Item</th>
<th>PN</th>
<th>ITEM Category</th>
<th>VENDOR</th>
<th>SEC CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control Panel</td>
<td>BSL47-60101</td>
<td>LCD</td>
<td>Jabil</td>
<td>JC98-05421A</td>
</tr>
</tbody>
</table>

-END-