# Product End-of-Life Disassembly Instructions

**Product Category:** Notebooks and Tablet PCs

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

<table>
<thead>
<tr>
<th>HP ProBook 4331s Notebook PC</th>
</tr>
</thead>
</table>

**Name / Model #4**

**Name / Model #5**

**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>4</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></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></td>
</tr>
<tr>
<td>Capacitors / condensers (Containing PCB/PCT)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height</td>
<td></td>
<td></td>
</tr>
<tr>
<td>External electrical cables and cords</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gas Discharge Lamps</td>
<td></td>
<td></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></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></td>
</tr>
<tr>
<td>Components and waste containing asbestos</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PSG instructions for this template are available at [EL-MF877-01](EL-MF877-01)
Components, parts and materials containing refractory ceramic fibers
Components, parts and materials containing radioactive substances

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</td>
<td>Motor-screw-driver “+”</td>
</tr>
<tr>
<td>Description #2</td>
<td>Motor-screw-driver “**”</td>
</tr>
<tr>
<td>Description #3</td>
<td>Motor-screw-driver “-”</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. 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).
# MANUFACTURING PROCESS INSTRUCTIONS
## MECHANICAL ASSEMBLY
### MODEL : SS11 ROXETTE

<table>
<thead>
<tr>
<th>Sub-assembly name:</th>
<th>SS11 Roxette FA DIS ASS'Y SOP English</th>
</tr>
</thead>
<tbody>
<tr>
<td>Document No.:</td>
<td>SS11 Roxette FA DIS ASS'Y SOP English</td>
</tr>
<tr>
<td>Written by:</td>
<td>Mo, Shi-qin</td>
</tr>
<tr>
<td>Revision:</td>
<td>0.10</td>
</tr>
<tr>
<td>Date:</td>
<td>2011/2/15</td>
</tr>
<tr>
<td>Page:</td>
<td>1 of 47</td>
</tr>
</tbody>
</table>

### A. Current station version list:

<table>
<thead>
<tr>
<th>Station</th>
<th>Version</th>
<th>Station</th>
<th>Version</th>
<th>Station</th>
<th>Version</th>
<th>Station</th>
<th>Version</th>
<th>Station</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.10</td>
<td>11</td>
<td>0.10</td>
<td>21</td>
<td>0.10</td>
<td>31</td>
<td>0.10</td>
<td>41</td>
<td>0.10</td>
</tr>
<tr>
<td>2</td>
<td>0.10</td>
<td>12</td>
<td>0.10</td>
<td>22</td>
<td>0.10</td>
<td>32</td>
<td>0.10</td>
<td>42</td>
<td>0.10</td>
</tr>
<tr>
<td>3</td>
<td>0.10</td>
<td>13</td>
<td>0.10</td>
<td>23</td>
<td>0.10</td>
<td>33</td>
<td>0.10</td>
<td>43</td>
<td>0.10</td>
</tr>
<tr>
<td>4</td>
<td>0.10</td>
<td>14</td>
<td>0.10</td>
<td>24</td>
<td>0.10</td>
<td>34</td>
<td>0.10</td>
<td>44</td>
<td>0.10</td>
</tr>
<tr>
<td>5</td>
<td>0.10</td>
<td>15</td>
<td>0.10</td>
<td>25</td>
<td>0.10</td>
<td>35</td>
<td>0.10</td>
<td>45</td>
<td>0.10</td>
</tr>
<tr>
<td>6</td>
<td>0.10</td>
<td>16</td>
<td>0.10</td>
<td>26</td>
<td>0.10</td>
<td>36</td>
<td>0.10</td>
<td>46</td>
<td>0.10</td>
</tr>
<tr>
<td>7</td>
<td>0.10</td>
<td>17</td>
<td>0.10</td>
<td>27</td>
<td>0.10</td>
<td>37</td>
<td>0.10</td>
<td>47</td>
<td>0.10</td>
</tr>
<tr>
<td>8</td>
<td>0.10</td>
<td>18</td>
<td>0.10</td>
<td>28</td>
<td>0.10</td>
<td>38</td>
<td>0.10</td>
<td>48</td>
<td>0.10</td>
</tr>
<tr>
<td>9</td>
<td>0.10</td>
<td>19</td>
<td>0.10</td>
<td>29</td>
<td>0.10</td>
<td>39</td>
<td>0.10</td>
<td>49</td>
<td>0.10</td>
</tr>
<tr>
<td>10</td>
<td>0.10</td>
<td>20</td>
<td>0.10</td>
<td>30</td>
<td>0.10</td>
<td>40</td>
<td>0.10</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### B. Version Modify list:

<table>
<thead>
<tr>
<th>Date</th>
<th>Station</th>
<th>Content</th>
<th>Ver.</th>
<th>Design</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011/2/15</td>
<td>ALL</td>
<td>First Dis Ass'y</td>
<td>0.1*</td>
<td>Yuan Jin</td>
</tr>
</tbody>
</table>

审核： Mo, Shi-qin
Step:

1. Fetch battery from groove. Pull safe lock to left end, make it unlocked (Figure 1).

Notes: if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Mo, Shi-qin  Issuing department: IE
Step:

1. Poke at cover Knob to right end, disassemble it

Notes: if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Mo, Shi-qin  Issuing department: IE
Standard Operation Procedure

Document No. : SS11 Roxette FA DISASS'Y SOP  
Name : Dismantle DDR  
Station: 3(1/1)  
Ver. : 1.00  
Date: 2011/02/12

Step:

1. Dismantle DDR from M/B (Fig 1).

Notes: if finding anything uncommon, notice foreman or assistant at once.

Tabulator: Mo, Shi-qin  
Issuing department: IE
Step:

1. Dismantle ODD in the lower shell, and dismantle the screw (6052B0101901) * 1 (Fig 1).
   - Torsion: 2.0 ± 0.2 Kg/cm
   - Screw can't slippery a tooth.

Notes: if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic opener of the cross(#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Mo, Shi-qin    Issuing department: IE
Standard Operation Procedure

Document No. : SS11 Roxette FA DISASS’Y SOP
Station: 5(1/1)
Name : Dismantle HDD and the screw
Ver. : 1.00
Date: 2011/02/12

Step :

1. Dismantle HDD in the machine , Dismantle the screw (6052B0096601) * 4 (fig 1).
   ✗ Torsion : 1.5 ± 0.5 Kgf · cm
   ✗ Screw can't slippery a tooth , and can't fall into the machine.
   ✗ Disassemble the order :  → 4, 3, 2, 1
                             ← 1, 2, 3, 4

![Fig 1](image)

Notes : if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic opener of the cross(#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator : Mo, Shi-qin   Issuing department : IE
Step:

1. Dismantle the fan (6033B0024901). Disassemble the fan cable from M/B CNTR (fig 1/2).

2. Dismantle the fixed fan screw (60520D080501) * 1 (fig 1/2)
   - Torsion: 1.5 ± 0.2 Kgf · cm
   - Screw can't slippery a tooth, and can't fall into the machine.

3. Dismantle K/B screw (6052B0101901) * 1
   - Torsion: 1.5 ± 0.2 Kgf · cm
   - Screw can't slippery a tooth, and can't fall into the machine.

Notes: if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic opener of the cross(#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Mo, Shi-qin  Issuing department: IE
Standard Operation Procedure

Document No. : SS11 Roxette FA DISASS’Y SOP
Name : Dismantle Speaker line in CNTR

Step :
1. Dismantle the loudspeaker in MB CNTR (fig 1)

Notes : if finding anything uncommon, notice foreman or assistant at once.

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

Tabulator : Mo, Shi-qin  Issuing department : IE
Step:

1. Dismantle WLAN Antenna Cable on WLAN Card (fig 1).

Notes: if finding anything uncommon, notice foreman or assistant at once.
Standard Operation Procedure

Document No. : SS11 Roxette FA DISASS’Y SOP
Name : Dismantle WLAN/SPKR Cable -2
Ver. : 1.00
Date: 2011/02/12

Station: 9(1/1)

Step :

1. Dismantle Speaker Cable (fig 1/2).

Fig 1

Fig 2

Notes : if finding anything uncommon, notice foreman or assistant at once.

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

Tabulator : Mo, Shi-qin
Issuing department : IE
Standard Operation Procedure

Document No. : SS11  Roxette  FA DISASS’Y SOP
Name : Dismantle WLAN/SPKR Cable-1

Station: 10(1/1)  Ver. : 1.00  Date: 2011/02/12

Step:
1. Dismantle WLAN Cable (fig 1/2).
   - 13 inches of models (fig 1), 14 inches of models (fig 2).

Notes: if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Mo, Shi-qin  Issuing department: IE
Step:

1. Put HDD Bracket (6053B0690401) & HDD on HDD tool, Dismantle the screw (6052B0131801) * 4.
   - Torsion: 2.5 ± 0.2 Kgf·cm
   - Screw can’t slippery a tooth, and can’t fall into the machine.

Notes: if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic opener of the cross(#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Mo, Shi-qin Issuing department: IE
Standard Operation Procedure

Document No. : SS11 Roxette FA DISASS'Y SOP
Name : Dismantle WWAN Cable
Station: 12(1/1)
Ver. : 1.00
Date: 2011/02/12

Step :

【Have WWAN 】
1. Dismantle WWAN Antenna Cable from WWAN Card.

Notes : if finding anything uncommon, notice foreman or assistant at once.

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

Tabulator: Mo, Shi-qin  Issuing department: IE
Standard Operation Procedure

Document No. : SS11 Roxette FA DISASS'Y SOP
Name : Dismantle WWAN card

Step :

【Have WWAN】
1. Dismantle WWAN card in the machine platform (fig 1)

2. Dismantle the screw (6052B0096601) * 2
   - Torsion : 2.0 ± 0.2 Kgf cm
   - Screw can't slippery a tooth , and can't fall into the machine.

Fig 1

Notes : if finding anything uncommon, notice foreman or assistant at once.

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

Tabulator : Mo, Shi-qin  Issuing department : IE
Standard Operation Procedure

Document No. : SS11  Roxette  FA  DISASS’Y SOP
Name : Dismantle WLAN card

Step :

1. Dismantle WLAN card in the machine platform (fig 1).
2. Dismantle the screw (6052B0096601) * 2
   - Torsion : 2.0 ± 0.2 Kgf·cm
   - Screw can't slippery a tooth, and can't fall into the machine.
   - Streamline direction →
     Disassemble the order 2 → 1
   - Streamline direction ←
     Disassemble the order 1 → 2

Notes : if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic opener of the cross(#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator : Mo, Shi-qin  Issuing department : IE
**Step:**

1. Dismantle the screw(6052B0096601) *2 from ODD Exit (fig 1).
   - Torsion : \(1.5 \pm 0.2\) Kgf \cdot cm
   - Screw can't slippery a tooth, and can't fall into the machine.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic opener of the cross(#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Notes:** if finding anything uncommon, notice foreman or assistant at once.
Standard Operation Procedure

Document No. : SS11  Roxette  FA  DISASS’Y SOP
Name : Pull down the shell screw

Station:    16(1/1)
Ver. :  1.00
Date:  2011/02/12

Step :

1. Dismantle the screw(6052B0096201) * 2 from the Battery trough (fig 1 1 · 2).
2. Dismantle the screw(6052B0096201) * 1 from the Battery trough (fig1 3).
   ✓ Torsion : 1.5 ± 0.2 Kgf · cm
   ✓ Screw can’t slippery a tooth, and can’t fall into the machine.
   ✓ Streamline direction ➔
      Disassemble the order 2 → 1 → 3
   ✓ Streamline direction ➙
      Disassemble the order 3 → 1 → 2

Notes : if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic opener of the cross(#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator :  Mo, Shi-qin  Issuing department :  IE
**Standard Operation Procedure**

Document No. : SS11  Roxette  FA  DISASS'Y SOP

Name : Pull down the shell screw

Ver. : 1.00  Date: 2011/02/12

Station: 17(1/1)

---

**Step :**

1. Dismantle the screw (6052B0185501) * 5 (fig 1).
   - Torsion : 2.5 ± 0.2 Kgf · cm
   - Screw can't slippery a tooth, and can't fall into the machine.
   - Streamline direction ➔
     Disassemble the order 5 ➔ 4 ➔ 3 ➔ 2 ➔ 1
   - Streamline direction ➒
     Disassemble the order 1 ➒ 2 ➒ 3 ➒ 4 ➒ 5

---

**Notes** : if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic opener of plum blossom(T8)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Tabulator** : Mo, Shi-qin  **Issuing department** : IE
Standard Operation Procedure

Document No. : SS11 Roxette FA DISASS'Y SOP
Name : Pull down the shell screw
Ver. : 1.00
Date: 2011/02/12
Station: 18(1/1)

Step :

1. Pull down the shell screw (6052B0185501) * 5 (fig 1).
   - Torsion : 2.5 ± 0.2 Kgf · cm
   - Screw can't slippery a tooth , and can't fall into the machine.
   - Streamline direction ➔
     - Disassemble the order 5 → 4 → 3 → 2 → 1
   - Streamline direction ➙
     - Disassemble the order 1 → 2 → 3 → 4 → 5

Notes : if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic opener of plum blossom(T8)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator : Mo, Shi-qin   Issuing department : IE
Standard Operation Procedure

Step:
1. Dismantle K/B screw (6052A0034701) *
   - Torsion : 2.5 ± 0.2 Kgf · cm
   - Screw can't slippery a tooth , and can't fall into the machine.
2. Dismantle BATT Cable on M/B CNTR (fig 2) *

Notes: if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic opener of plum blossom(#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Mo, Shi-qin  Issuing department: IE
Standard Operation Procedure

Document No. : SS11 Roxette FA DISASS'Y SOP
Station: 20(1/1)
Name : Dismantle Keyboard
Ver. : 1.00
Date: 2011/02/12

Step :

1. Open K/B card and collude (fig 1)
2. Open Keyboard from the upper shell (fig 2)
3. Pull out K/B FFC from MB CNTR

Notes : if finding anything uncommon, notice foreman or assistant at once.

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

Tabulator : Mo, Shi-qin  Issuing department : IE
Standard Operation Procedure

Document No.: SS11 Roxette FA DISASS'Y SOP
Name: Dismantle FFC

Step:
1. Dismantle Launch/B FFC from CNTR (fig 2).

Fig 1

Fig 2

Notes: if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Mo, Shi-qin    Issuing department: IE
Step:

1. Dismantle the upper shell (Fig1).
Step:

1. Dismantle card reader FFC from MB CNTR
2. For Finger print Model, dismantle FP FFC from MB CNTR (Fig 1).

Notes: if finding anything uncommon, notice foreman or assistant at once.
Standard Operation Procedure

Document No. : SS11 Roxette FA DISASS'Y SOP
Name : Dismantle LCM cable

Step:
1. Dismantle LCM Cable from MB CNTR, and dismantle cable (Fig 1).
2. Tear the acetic acid sticky tape *1(Fig 2).

Notes: if finding anything uncommon, notice foreman or assistant at once.

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

Tabulator: Mo, Shi-qin   Issuing department: IE
Step:

1. Dismantle camera cable in MB CNTR (fig 1)
2. Dismantle camera cable (fig 2)

Notes: if finding anything uncommon, notice foreman or assistant at once.
Standard Operation Procedure

Document No. : SS11 Roxette FA DISASS’Y SOP
Name : Dismantle DC-in Cable

Step :

1. Dismantle DC Jack from BTCB (fig 1)
2. Dismantle DC cable from holder (fig 2)

Notes : if finding anything uncommon, notice foreman or assistant at once.

holding fixture list (holding fixture standard) | Qty | holding fixture list (holding fixture standard) | Qty

Tabulator : Mo, Shi-qin  Issuing department : IE
Step:

1. Dismantle USB/B from BTCB (1310A2411401), Dismantle the screw (6052B0101901) * 1 (fig 1).
   - Torsion: 1.5 ± 0.2 Kg/cm
   - Screw can't slippery a tooth,

2. Dismantle FFC from M/B CNTR (fig 2).

Notes: if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic opener of the cross(#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Mo, Shi-qin   Issuing department: IE
Standard Operation Procedure

Document No. : SS11  Roxette  FA  DISASS'Y SOP
Name : Dismantle RJ11 Cable

Station: 28(1/1)
Ver. : 1.00
Date: 2011/02/12

Step :

【Have RJ11】
1. Dismantle RJ11 (6017B0300701) Cable -

Notes : if finding anything uncommon, notice foreman or assistant at once.

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

Tabulator : Mo, Shi-qin  Issuing department : IE
Step:

【Have RJ11 for Inter Dis】

1. Tear the acetic acid sticky tape (6054A0076201) *3 and dismantle cable (fig 1).

Notes: if finding anything uncommon, notice foreman or assistant at once.

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

Tabulator: Mo, Shi-qin  Issuing department: IE
Step:

【Have RJ11 for Inter UMA】
1. Tear the acetic acid sticky tape (6054A0076201) * 4 and dismantle cable (fig 1).

Notes: if finding anything uncommon, notice foreman or assistant at once.

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

Tabulator: Mo, Shi-qin  Issuing department: IE
Standard Operation Procedure

Document No. : SS11 Roxette FA DISASS'Y SOP
Name : Dismantle Modem and the screw

Step :

【Have RJ11】
1. Dismantle the screw (6052B0101901) *1 (fig 2).
   - Torsion：2.0 ± 0.2 Kg/cm
   - Screw can't slippery a tooth.
2. Dismantle RJ11 Cable from Modem (6017B0300701) (fig 1)
3. Dismantle Modem from MB (fig 2)

【No RJ11】

Notes : if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic opener of the cross(#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator : Mo, Shi-qin  Issuing department : IE
Standard Operation Procedure

Document No. : SS11 Roxette FA DISASS’Y SOP
Name : Dismantle cable

Step:

1. Dismantle WLAN Cable & WWAN Cable (fig 1/2)

Notes:  if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Mo, Shi-qin   Issuing department: IE
Standard Operation Procedure

Document No. : SS11  Roxette  FA  DISASS'Y SOP
Name : Dismantle Speaker and screw
Ver. : 1.00
Date: 2011/02/12

Step :
1. Dismantle Speaker (6039B0046901) and the screw (6052B0096601) * 1(fig 1)
   ✓ Torsion : 1.5 ± 0.2 Kg/cm
   ✓ Screw can't slippery a tooth
2. Dismantle Speaker Cable (fig 2)

Notes : if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic opener of the cross(#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator : Mo, Shi-qin  Issuing department : IE
Standard Operation Procedure

Document No.: SS11  Roxette  FA  DISASS’Y SOP
Name: Dismantle antenna cable

Step:

1. Tear LCM 上 Sticky tape.
   【Have WWAN】
2. Dismantle WLAN Cable & WWAN Cable.
   【No WWAN】
3. Dismantle WLAN Cable（fig 2）。
4. Tear 1pcs(6054B0691201) Conductive cloth（fig 3）

Notes: if finding anything uncommon, notice foreman or assistant at once.

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

Tabulator: Mo, Shi-qin  Issuing department: IE
Standard Operation Procedure

Document No. : SS11 Roxette FA DISASS'Y SOP
Name : Dismantle K-L BRKT and screw
Ver. : 1.00
Date: 2011/02/12

Station: 35(1/1)

Step:

1. Dismantle K-L BRKT (form 1) and the screw (6052B0101901) * 2 (fog 1 / 2).
   - Torsion: $2.5 \pm 0.2$ Kg/cm
   - Screw can't slippery a tooth.
   - Disassemble the order 1 $\rightarrow$ 2

<table>
<thead>
<tr>
<th></th>
<th>13”</th>
<th>14”</th>
</tr>
</thead>
<tbody>
<tr>
<td>6053B0690001</td>
<td>6053B0689601</td>
<td></td>
</tr>
</tbody>
</table>

Form 1

Notes: if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic opener of the cross(#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Mo, Shi-qin  Issuing department: IE
Standard Operation Procedure

Document No. : SS11 Roxette FA DISASS'Y SOP
Station: __36(1/1)__
Ver. : __1.00__
Date: __2011/02/12__

Name : Dismantle screw

**Step:**

1. Dismantle the screw (6052B0101901) * 2 (fig 1).
2. Dismantle the No. 2 screw.
   - Need to dismantle the earth connection.
   - Torsion: 3.0 ± 0.2 Kg/cm
   - Screw can't slippery a tooth.

**Notes:**

if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic opener of the cross(#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: __Mo, Shi-qin__
Issuing department: __IE__
Standard Operation Procedure

Document No. : SS11  Roxette  FA  DISASS’Y SOP
Name : Dismantle screw

Step :

1. Dismantle the screw (6052B0101901) * 2 (fig 1 /2)
   - Torsion : 3.0 ± 0.2 Kg/cm
   - Screw can’t slippery a tooth

Notes : if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic opener of the cross(#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator : Mo, Shi-qin    Issuing department : IE
Step:
1. Dismantle LCM in BTCB (fig 1/2/3/4).
2. Lean against the Kitting-box LCM the back.

Notes: if finding anything uncommon, notice foreman or assistant at once.
Standard Operation Procedure

Document No. : SS11 Roxette FA DISASS’Y SOP
Name : Dismantle ODD FFC

Step :
1. Dismantle ODD FFC in MB (fig 1/2)

Notes : if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator : Mo, Shi-qin   Issuing department : IE
Standard Operation Procedure

Document No. : SS11  Roxette  FA  DISASS'Y SOP
Name : Dismantle MB in BTCB and screw
Station: 40(1/1)
Ver. : 1.00
Date: 2011/02/12

Step :
1. Dismantle MB in BTCB (fig 1)。
2. Dismantle the screw (6052B0101901)*2 (fig 1)。
   - Torsion: 1.5 ± 0.2 Kg/cm
   - Screw can't slippery a tooth。
   - Disassemble the order: → 1, 2
     ← 2, 1

Notes : if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic opener of the cross(#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator:  Mo, Shi-qin  Issuing department: IE
Step:

1. Dismantle ODD Switching board (1310A2410901) (fig 1).

Notes: if finding anything uncommon, notice foreman or assistant at once.

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

Tabulator: Mo, Shi-qin  Issuing department: IE
Standard Operation Procedure

Document No. : SS11 Roxette FA DISASS'Y SOP
Station: 42(1/1)
Name : Dismantle BATT Cable
Ver. : 1.00
Date: 2011/02/12

Step:

1. Dismantle the screw(6052B0101901) * 2 .
   - Torsion : 2.0 ± 0.2 Kg/cm
   - Screw can't slippery a tooth
   - Disassemble the order : → 2 , 1
     ← 1 , 2

Fig 1

Fig 2

Fig 3

Notes : if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic opener of the cross(#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator : Mo, Shi-qin  Issuing department : IE
Standard Operation Procedure

Document No. : SS11 Roxette FA DISASS’Y SOP
Name : Dismantle DC in cable

Step :

1. Fetch MB on the support tool (Fig 1)
2. Dismantle DC in cable (6017B0300401) (fig 2)
3. Pull out DC in cable in M/B (fig 3),

Notes : if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>M/B Support tool</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator : Mo, Shi-qin    Issuing department : IE
Standard Operation Procedure

Document No. : SS11 Roxette FA DISASS’Y SOP
Name : Dismantle Thermal and the screw

Station: __44(1/1)___
Ver. : 1.00
Date: 2011/02/12

Step:
1. Fetch M/B on the support tool (fig 1)
2. Fetch Thermal on M/B

<table>
<thead>
<tr>
<th>Discrete</th>
<th>6043B0092901</th>
</tr>
</thead>
<tbody>
<tr>
<td>UMA</td>
<td>6043B0092801</td>
</tr>
</tbody>
</table>

3. (UMA) : Dismantle Thermal screw * 4(fig 1)
   - Torsion: 2.0 ± 0.2Kgf · cm
   - Can't notice the screw slippery tooth
   - Disassemble the order: 1 → 2 → 3 → 4
   - Can't hold copper in charge of the place
   - Can't hold copper in charge of the place

4. (DIS) Dismantle Thermal screw UMA * 6(fig 2)
   - Torsion: 2.0 ± 0.2Kgf · cm
   - Screw can't slippery a tooth
   - Disassemble the order: 1 → 2 → 3 → 4 → 5 → 6
   - Can't hold copper in charge of the place

Notes: if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>M/B support tool</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electronic opener of the cross(#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator:  Mo, Shi-qin  Issuing department:  IE
Standard Operation Procedure

Document No. : SS11 Roxette FA DISASS’Y SOP
Name : Dismantle CPU
Station: 45(1/1) Ver. : 1.00 Date: 2011/02/12

Notes ︰ if finding anything uncommon, notice foreman or assistant at once.

<table>
<thead>
<tr>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
<th>holding fixture list (holding fixture standard)</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>M/B support tool</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A word opener</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Suck pens</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Step :

1. Fetch MB on the support tool(fig 1)。

2. Dismantle CPU in CPU SOCKET (Open counterclockwise) (fig 2)。

Tabulator : Mo, Shi-qin Issuing department : IE