# 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 #1</th>
<th>HP Compaq 6830s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name / Model #2</td>
<td>HP Compaq 6531s</td>
</tr>
<tr>
<td>Name / Model #3</td>
<td>HP Compaq 6730s</td>
</tr>
</tbody>
</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>3</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>1</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>0</td>
</tr>
<tr>
<td>Gas Discharge Lamps</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Plastics containing Brominated Flame Retardants</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>
<tr>
<td>Components, parts and materials containing refractory ceramic fibers</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Components, parts and materials containing radioactive substances</td>
<td></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>Description #1 Motor-screw-driver “+”</td>
<td>Cross head of screwdriver</td>
</tr>
<tr>
<td>Description #2 Motor-screw-driver “*”</td>
<td>TORX T8 (2.31mm)</td>
</tr>
<tr>
<td>Description #3 Motor-screw-driver “-”</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 : S-Series**

<table>
<thead>
<tr>
<th>Sub-assembly name:</th>
<th>SOP Series FA dis-ASS’ Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>Document No.:</td>
<td>S Series FA dis-ASS’ Y</td>
</tr>
<tr>
<td>Written by:</td>
<td>Chen Zhengwei</td>
</tr>
<tr>
<td>Date:</td>
<td>2008/7/11</td>
</tr>
<tr>
<td>Revision:</td>
<td>1.00</td>
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<tr>
<td>Page:</td>
<td>1 of 50</td>
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</table>

### A.Current station version list:

<table>
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<tr>
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<th>Version</th>
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### B.Version Modify list:

<table>
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<tr>
<td>2008/7/11</td>
<td>ALL</td>
<td>First SOP for mass production</td>
<td>1.**</td>
<td>Huang pengfei</td>
</tr>
</tbody>
</table>

审核：__________  制表：张英
1. Pull latch, slip battery, and take it out.
- Battery must be paralleled with machine when pushing out.

**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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<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic hexagonal screw driver</td>
<td>1</td>
<td></td>
<td></td>
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</tbody>
</table>

Tabulator: Zhang Ying  
Issuing department: IE
Working Instruction

Document No. : SOP S-SERIES FA dis-ASS’Y

Name : disassemble HDD & Cover

Ver. 1.00

Date : 2008/07/11

Fixure list (Fixture standard)

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

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

Tabulator : Zhang Ying

Issuing department : IE
Only For 17”

1. Loosen screws (60520D046304) *5
   - Torsion: 2.0 ± 0.5 Kgf · cm
   - Screws can't be stripped or dropped into machine.

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

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Tabulator: Zhang Ying  Issuing department: IE
For 14”

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</tbody>
</table>

Fig.1

1. Loosen screws of ODD/KB (60520D046304) *3
- Torsion: 2.0 ± 0.5 Kgf · cm
- Screws can't be stripped or dropped into machine.

Tabulator: Zhang Ying        Issuing department: IE
For 15”

**Fig. 1**

1. Loosen screws of BTCB (60520D046304) *1
2. Loosen screws of ODD/KB (60520D046304) *3

*Fig. 1*

- Torsion: $2.0 \pm 0.5$ Kgf·cm
- Screws can't be stripped or dropped into machine.

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

<table>
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</table>

Tabulator: Zhang Ying  
Issuing department: IE
1. Loosen screws (60520D046304)  

*4:Fig.1  
- Torsion: 2.0 ± 0.5 Kgf · cm  
- Screws can't be stripped or dropped into machine.  
- 1, 4 are screws of BTCB; 2, 3 are screws of Keyboard.

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

<table>
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Tabulator: Zhang Ying  
Issuing department: IE
For 14”

**Fig.1**

1. Loosen screws of SW Cover*2 (6052A0051301), Fig.1
   - Torsion: 2.0 ± 0.5 Kgf • cm
   - Screws can’t be stripped or dropped into machine.

2. Loosen screws of BTCB(60520D046304) *2: Fig.2
   - Torsion: 2.0 ± 0.5 Kgf • cm
   - Screws can’t be stripped or dropped into machine.

**Fig.2**

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

<table>
<thead>
<tr>
<th>Fixture list (Fixture standard)</th>
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Tabulator: Zhang Ying  Issuing department: IE
For 15”

Fig. 1

1. Loosen screws of SW Cover*3 (6052A0051301), Fig. 1
   - Torsion: $2.0 \pm 0.5$ Kgf $\cdot$ cm
   - Screws can’t be stripped or dropped into machine.

2. Loosen screws of BTCB*2 (6052A0021902), Fig. 2
   - Screws with red whorl are more tight.
   - Torsion: $2.0 \pm 0.5$ Kgf $\cdot$ cm
   - Screws can’t be stripped or dropped into machine.

Fig. 2

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

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<tbody>
<tr>
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<td></td>
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</tr>
</tbody>
</table>

Tabulator: Zhang Ying  Issuing department: IE
For 17”

1. Loosen screws of SW Cover*3 (6052A0051301)
   - Torsion: 2.0 ± 0.5 Kgf · cm
   - Screws can't be stripped or dropped into machine.

2. Loosen screws of BTCB(6052A0021902) * 2
   - Screws with red whorl are more tight
   - Torsion: 2.0 ± 0.5 Kgf · cm
   - Screws can't be stripped or dropped into machine.

**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>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic hexagonal screw driver</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Zhang Ying  Issuing department: IE
For 14”

1. Loosen screws of BTCB (60520D046304) * 6
   - Torsion: 2.0 ± 0.5 Kgf · cm
   - Screws can't be stripped or dropped into machine.

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>
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</thead>
<tbody>
<tr>
<td>Automatic hexagonal screw driver</td>
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</tr>
</tbody>
</table>

Tabulator: Zhang Ying  Issuing department: IE
For 15”

1. Loosen screws of BTCB (60520D046304) * 5
   - Torsion: 2.0 ± 0.5 Kgf·cm
   - Screws can't be stripped or dropped into machine.

<table>
<thead>
<tr>
<th>Point for attention</th>
<th>If finding some defects, notice the gaffer and assistant</th>
</tr>
</thead>
</table>

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

Tabulator: Zhang Ying  Issuing department: IE
For 17”

1. Loosen screws of BTCB(60520D046304) * 5
   - Torsion: 2.0 ± 0.5 Kgf · cm
   - Screws can't be stripped or dropped into machine.

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>
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</tr>
</thead>
<tbody>
<tr>
<td>Automatic hexagonal screw driver</td>
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</tbody>
</table>
Working Instruction

Document No.: SOP S-SERIES FA dis-ASS'Y

Name: Loosen screws of ODD

Ver.: 1.00

Date: 2008/07/11

Station: 7(1/1)

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

1. Loosen screws of ODD (6052B0097001) * 3:
   - Loosen screws with the sequence as figures showing
   - Torsion: 2.0 ± 0.5 Kgf · cm
   - Screws can't be stripped or dropped into machine.

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

Tabulator: Zhang Ying   Issuing department: IE
Working Instruction

Document No.: SOP S-SERIES FA dis-ASS'Y
Name: disassemble WLAN

Station: 8(1/1)  Ver. 1.00  Date: 2008/07/11

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

<table>
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<tr>
<th>Fixture list (Fixture standard)</th>
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<tr>
<td>crossing screw driver</td>
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Tabulator: Zhang Ying  Issuing department: IE
Working Instruction

Document No. : SOP S-SERIES FA dis-ASS’Y

Station : 9(1/1)  Ver. : 1.00  Date : 2008/07/11

Name : Disassemble K/B, Disassemble ODD

Issuing department : Zhang Ying IE

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>
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<td></td>
<td></td>
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</tbody>
</table>

Fig.1

1. Turn over the machine, Disassemble ODD (Fig.1)
   - Lift the right side of machine slightly, then Disassemble ODD
2. Disassemble K/B, pull out Lock piece, loosen K/B FFC from MB CNTR (Fig.2, Fig.3)

Fig.2

Fig.3
1. Loosen Lock piece, Disassemble S/W FFC (Fig.1)

2. Disassemble S/W Cover, (Fig.2)
   - Disassemble from bottom to top.

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

Document No. : SOP S-SERIES FA dis-ASS'Y
Name : Disassemble Antenna cable, disassemble Cable CNTR
Ver. 1.00
Issuing department : Zhang Ying IE

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

1. Pull out Antenna cable along the slot of BTCB. (Fig.1),
2. Disassemble the speaker Cable from MB (Fig.3)

For 14"

Fig.1

Fig.2

Fig.3

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

Tabulator : Zhang Ying    Issuing department : IE
For 15”

1. Pull out Antenna cable along the slot of BTCB. (Fig.1),
2. Disassemble the speaker Cable from MB (Fig.3)

Point for attention: If finding some defects, notice the gaffer and assistant
For 17”

1. Pull out Antenna cable along the slot of BTCB. (Fig.1)
2. Disassemble speaker Cable from MB. (Fig.2)

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

<table>
<thead>
<tr>
<th>Fixture list (Fixture standard)</th>
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Tabulator: Zhang Ying  Issuing department: IE
For 14”

1. Pull out Camera Connector from MB. (Fig.1)
2. Take out Antenna & Camera cable from slot. (Fig.2, Fig.3)

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

<table>
<thead>
<tr>
<th>Fixture list (Fixture standard)</th>
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<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable trimming stick</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
For 15”

1. Pull out Camera Connector from MB. (Fig.1)
2. Take out Antenna & Camera cable from slot. (Fig.2, Fig.3)

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

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<tr>
<td>Cable trimming stick</td>
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Tabulator: Zhang Ying    Issuing department: IE
For 17”

1. Pull out Camera Connector from MB. (Fig.1)
2. Take out Antenna & Camera cable from slot. (Fig.2, Fig.3)

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Tabulator: Zhang Ying  Issuing department: IE
For 14”

1. Take out Antenna & Camera cable from slot. (Fig.1)
2. Disassemble LCM CNTR from MB. (Fig.2)
3. Take out LCM Cable from slot. (Fig.3)

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

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<td>1</td>
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</table>
For 15”

1. Tear the Acetic acid sticky tape, take out Antenna & Camera cable from slot. (Fig.1)
2. Tear the Aluminum foil of LCM CNTR, Disassemble LCM CNTR from MB. (Fig.2)
3. Take out LCM Cable from slot. (Fig.3)

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>Cable trimming stick</td>
<td>1</td>
</tr>
</tbody>
</table>

Tabulator: Zhang Ying  Issuing department: IE
For 17”

1. Take out Antenna & Camera cable from slot. (Fig. 1)
2. Disassemble LCM CNTR from MB. Fig. 2
3. Take out LCM Cable from slot. (Fig. 2)

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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</tr>
</thead>
<tbody>
<tr>
<td>Cable trimming stick</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
For 14”

1. Disassemble screws of LCM *4 (Fig.1)
   - Torsion: 3.0 ± 0.5 Kgf·cm
   - Screws can’t be stripped.

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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<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic hexagonal screw driver</td>
<td>1</td>
<td></td>
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</tr>
</tbody>
</table>

Tabulator: Zhang Ying  Issuing department: IE
For 15”

1. Loosen screws of LCM ＊4（Fig.1）
   - Torsion : 3.0 ± 0.5 Kgf · cm
   - Screws can't be stripped.

---

**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>
<tr>
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</tbody>
</table>

Tabulator : Zhang Ying  
Issuing department : IE
For 17”

1. Loosen screws of LCM *4 (Fig.1)
   - Torsion: 3.0 ± 0.5 Kgf cm
   - Screws can't be stripped.

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

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

Tabulator: Zhang Ying  Issuing department: IE
For 14”

Fig.1

2. Loosen screws (60520D046304) * 1 (Fig.1)
   - Torsion: $2.0 \pm 0.5 \text{ Kgf cm}$
   - Screws can't be stripped or dropped into machine.

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>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic hexagonal screw driver</td>
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**Working Instruction**

Document No.: SOP S-SERIES FA dis-ASS'Y

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**Name:** Loosen screws

<table>
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<th>Date</th>
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<tbody>
<tr>
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<td>2008/07/11</td>
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**Point for attention:** If finding some defects, notice the gaffer and assistant

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

**Tabulator:** Zhang Ying  
**Issuing department:** IE
1. Loosen screws (60520D046304) * 3 (Fig.1)
   - Torsion: 2.0 ± 0.5 Kgf · cm
   - Screws can't be stripped or dropped into machine.

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

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Automatic hexagonal screw driver</td>
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</tr>
</tbody>
</table>

Tabulator: Zhang Ying  
Issuing department: IE
Disassemble TPCB

- disassemble it as the sequence pictures showing.

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

Tabulator: Zhang Ying  Issuing department: IE
Loosen screws of USB/B, pull out T/P FFC.

1. Torsion: 1.0 ± 0.5 Kgf · cm
2. Screws can’t be stripped.

Pull out TOUCH PAD FFC (Fig.3)
For 15”

Fig.1

1. Loosen USB/B Screw *1 (6052A0029101), Fig.1
   • Torsion: 1.0 ± 0.5 Kgf · cm
   • Screws can't be stripped.

2. Disassemble TOUCH PAD FFC from M/B (Fig.3).

Fig.2

Disassemble screws of USB/B, pull out T/P FFC

Fig.3

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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<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic crossing screw driver</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
For 17”

1. Loosen USB/B Screw *1 (6052A0029101) , Fig. 1
   - Torsion: 1.0 ± 0.5 Kgf · cm
   - Screws can't be stripped.

2. Disassemble TOUCH PAD FFC from M/B (Fig. 3).

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

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<tbody>
<tr>
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Point for attention: If finding some defects, notice the gaffer and assistant

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<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable trimming stick</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Automatic crossing screw driver</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Zhang Ying  Issuing department: IE
1. Disassemble Bluetooth from MB. (Fig.1)
2. Loosen screws of ODD extension board (6052A0004501) *2 (Fig.2)
   - Torsion: 1.5 ± 0.5 Kgf cm
   - Screws can't be stripped.
   - For 15" Only
3. Loosen screws of ODD extension board (6052A0004501) *2 (Fig.3)
   - Torsion: 1.5 ± 0.5 Kgf cm
   - Screws can't be stripped.
   - For 17" Only

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

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

Tabulator: Zhang Ying  Issuing department: IE
1. Take down RJ11 from MB.
2. Loosen screws of Battery extension board * 3.
   - Torsion: 2.0 ± 0.5 Kgf · cm
   - Screws can't be stripped or dropped into machine..
3. Take down Battery extension board.

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>
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</tr>
</thead>
<tbody>
<tr>
<td>Automatic hexagonal screw driver</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
1. Loosen screws of M/B *1 (6052B0001601) (Fig. 1, 2)
   - Torsion: $2.0 \pm 0.5 \text{ Kgf cm}$
   - Screws can't be stripped or dropped into machine.

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

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Automatic hexagonal screw driver</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
1. Take down Connector of fan, Fig.1

**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:** Zhang Ying  **Issuing department:** IE
If finding some defects, notice the gaffer and assistant.

1. Take out M/B from BTCB.
Working Instruction

Document No.: SOP S-SERIES FA dis-ASS'Y

Name: Take down RJ11, take out ODD extension board, DDR2

Ver.: 1.00 Date: 2008/07/11

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>
</tr>
</thead>
<tbody>
<tr>
<td>S Series ZI M/B Bside</td>
<td>1</td>
<td>or</td>
<td></td>
</tr>
<tr>
<td>PP M/B Bside assembling CPU</td>
<td>1</td>
<td>or</td>
<td></td>
</tr>
<tr>
<td>S Class ZZ M/B Bside mdc(RJ11)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Zhang Ying  Issuing department: IE
For platform without WLAN, needn't to disassemble WLAN

1. Put MB on supporting fixture,
2. Loosen two screws (6052A0024301) and take down WLAN. (Fig.1)
3. Loosen screws of thermal elastic*2 (ZZI MB, Fig.2; PP MB, Fig.3)
   ❖ Torsion : $1.5 \pm 0.5$ Kgf \cdot cm

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

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<thead>
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<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>S Series ZI M/B Bside or PP M/B Bside WL or S Class ZZ M/B Bside WL</td>
<td>1</td>
</tr>
</tbody>
</table>

Tabulator: Zhang Ying
Issuing department: IE
For ZZ M/B

**Fig.1**

1. Put MB on supporting fixture.
2. Loosen screws of thermal*4
   - Torsion: $1.5\pm0.5\text{kgf/cm}^*\text{cm}$
   - Screws can't be stripped.
3. Take down CPU Thermal

<table>
<thead>
<tr>
<th>Point for attention</th>
<th>If finding some defects, notice the gaffer and assistant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixture list (Fixture standard)</td>
<td>Qty</td>
</tr>
<tr>
<td>Automatic crossing screw driver</td>
<td>1</td>
</tr>
</tbody>
</table>

Tabulator: Zhang Ying  
Issuing department: IE
For ZZI M/B

1. Put MB on supporting fixture.
2. Loosen screws of thermal*4
   - Torsion: 1.5±0.5kgf/cm*cm
   - Screws can't be stripped.
3. Take down CPU Thermal

<table>
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</tr>
</thead>
<tbody>
<tr>
<td>Automatic crossing screw driver</td>
<td>1</td>
<td>S Series ZZI M/B Bside</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>or</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>PP M/B Bside thermal</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>or</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>S Class ZZ M/B Bside thermal</td>
<td>1</td>
</tr>
</tbody>
</table>
Working Instruction

Document No.: SOP S-SERIES FA dis-ASS'Y
Name: Take down CPU THERMAL
Ver.: 1.00
Date: 2008/07/11

For PP M/B

Fig.1

1. Put MB on supporting fixture.
2. Take down screws of thermal*4
   - Torsion: 1.5±0.5kgf/cm*cm
   - Screws can't be stripped.
3. Take down CPU Thermal

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

<table>
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</thead>
<tbody>
<tr>
<td>Automatic crossing screw driver</td>
<td>1</td>
<td>S Series ZI M/B Bside</td>
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<tr>
<td></td>
<td></td>
<td>or</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>PP M/B Bside thermal</td>
<td>1</td>
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<tr>
<td></td>
<td></td>
<td>S Class ZZ M/B Bside thermal</td>
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</table>

Tabulator: Zhang Ying  Issuing department: IE
Working Instruction

Document No. : SOP S-SERIES FA dis-ASS’Y

Station : 26(1/1)

Name : Take down MODEM

Ver. 1.00  Date : 2008/07/11

Fixtures list (Fixture standard) Qty Fixture list (Fixture standard) Qty

Automatic crossing screw driver 1

ZI M/B Bside or
PP M/B Bside mdc(RJ11) or
S Class ZZ M/B Bside CPU-BACKING 1

Point for attention

If finding some defects, notice the gaffer and assistant

1. Put M/B on supporting fixture.
2. Loosen screws of MODEM (6052A0024301) * 2 (Fig.1,2)
   ❖ Torsion: 1.5 ± 0.5 Kgf cm
3. Take down MDM

Tabulator : Zhang Ying Issuing department : IE
Take down RJ11

1. Take down MODEM from M/B (Fig.2)
2. Take down RJ11 CABLE (6017B0119501) from Modem. (Fig.1)

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

<table>
<thead>
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<th>Qty</th>
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<th>Qty</th>
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</thead>
<tbody>
<tr>
<td>PP M/B Bside</td>
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<tr>
<td>or</td>
<td></td>
<td>S Series ZI M/B Bside</td>
<td>1</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td>ZZ M/B Bside</td>
<td>1</td>
</tr>
</tbody>
</table>
1. Put MB on supporting fixture.
2. Take down CPU 于 CPU SOCKET with suck pen.
   (take down it in counter clockwise)

**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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<td>Flat screw driver</td>
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<tr>
<td>suck pen</td>
<td>1</td>
<td>or PP M/B Bside CUP-BACKING</td>
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<tr>
<td></td>
<td></td>
<td>or S Class ZZ M/B Bside 组装CPU</td>
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</table>

Tabulator: Zhang Ying    Issuing department: IE