Product End-of-Life Disassembly Instructions

Product Category: Notebooks and Tablet PCs

Marketing Name / Model
[List multiple models if applicable.]
HP ProBook 640 G4 Notebook PC

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>1</td>
</tr>
<tr>
<td>Batteries</td>
<td>All types including standard alkaline and lithium coin or button style batteries</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</td>
<td>0</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>Power cord</td>
<td>1</td>
</tr>
<tr>
<td>Gas Discharge Lamps</td>
<td></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></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>
</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>T8 Electric Screwdriver</td>
<td></td>
</tr>
<tr>
<td>Cross Electrical Screwdriver</td>
<td></td>
</tr>
<tr>
<td>M/B Support Fixture</td>
<td></td>
</tr>
<tr>
<td>Plastic stick</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. Disconnect RTC battery cable and remove battery from M/B.
5. Dispose of all removed components according to regulation requirements.
6. 
7. 
8. 
9. 

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).
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>
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<tr>
<td>2</td>
<td>0.10</td>
<td>12</td>
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<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>
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<td>44</td>
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<tr>
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<td>35</td>
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<td>45</td>
<td>0.10</td>
</tr>
<tr>
<td>6</td>
<td>0.10</td>
<td>16</td>
<td>0.10</td>
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<td>0.10</td>
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<tr>
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<td>37</td>
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<td></td>
</tr>
<tr>
<td>8</td>
<td>0.10</td>
<td>18</td>
<td>0.10</td>
<td>28</td>
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<td>38</td>
<td>0.10</td>
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<td></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>
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</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>2018/1/16</td>
<td>ALL</td>
<td>First Version</td>
<td>0.1*</td>
<td>Jonners Long</td>
</tr>
</tbody>
</table>
Step:

1. Loosen screw* 4.
   ❖ Torsion: 2.0 ± 0.2 Kgf · cm

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>Electric cross screwdriver(#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Vick Weng  Auditor: C.S. Lee  Issue department: NPSU-PPE
Step:

1. Loosen screw* 4.
   ❖ Torsion : 2.0 ± 0.2 Kgf · cm

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

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

Tabulator: Vick Weng  Auditor: C.S. Lee  Issue department: NPSU-PPE
Step:

1. Use plastic stick to disassemble bottom case in order.

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>Plastic stick</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Vick Weng  
Auditor: C.S. Lee  
Issue department: NPSU-PPE
**Step:**

1. Loosen K/B screw* 2.

   - Torsion: $2.0 \pm 0.2 \text{ Kgf} \cdot \text{cm}$

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

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<tr>
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<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electric cross screwdriver (#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Tabulator:** Vick Weng  
**Auditor:** C.S. Lee  
**Issue department:** NPSU-PPE
Standard Operation Procedure

Document No. : Chromia Tracks 14 DIS ASS’Y SOP
Name : Loosen Battery Screw
Ver. : 0.10
Date : 2018/01/16

Step :

1. Loosen battery screw* 6.
   ❖ Torsion : 1.5± 0.2 Kgf · cm
2. Disassemble battery.

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>Electric cross screwdriver (#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator : Vick Weng  Auditor : C.S. Lee  Issue department : NPSU-PPE
Step:

1. Loosen HDD screw* 4.
   ❖ Torsion : 1.5 ± 0.2 Kgf · cm
2. Pull HDD mylar from left side to right side, then disassemble HDD from base unit.

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>Electric cross screwdriver(#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Vick Weng   Auditor: C.S. Lee   Issue department: NPSU-PPE
Step:

1. Loosen HDD bracket screw* 4, then separate HDD & HDD bracket.
   ❖ Torsion : 2.5± 0.2 Kgf · cm

Table:

<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>Electric cross screwdriver(#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Tabulator: Vick Weng  Auditor: C.S. Lee  Issue department: NPSU-PPE
Step:

1. Disassemble DDR.

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

Document No. : Chromia Tracks 14 DIS ASS’Y SOP
Station : 9(1/1)
Name : Disassemble WLAN Antenna
Ver. : 0.10
Date : 2018/01/16

Step :

1. Disconnect WLAN antenna from WLAN module, then disassemble antenna from hook.

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 : Vick Weng
Auditor : C.S. Lee
Issue department : NPSU-PPE
Standard Operation Procedure

Document No. : Chromia Tracks 14 DIS ASS’Y SOP
Name : Disassemble WWAN Antenna

Step :

1. Disconnect WWAN antenna from WWAN module, then disassemble antenna from hook.

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 : Vick Weng  
Auditor : C.S. Lee  
Issue department : NPSU-PPE
Step:

1. Loosen WWAN/WLAN/SSD screw, then disassemble WWAN/WLAN/SSD module.
   ❖ Torsion: 1.5 ± 0.2 Kgf · Cm
Step:
1. Use plastic stick to push the K/B(Fig.1).
2. Turn the base unit over, then disassemble K/B(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>Plastic stick</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Step:

1. Disassemble K/B FPC, BL FFC, PS FFC from M/B CNTR, then remove K/B.

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: Vick Weng  Auditor: C.S. Lee  Issue department: NPSU-PPE
Step:

1. Disassemble Power/B FFC & USB/B FFC form M/B 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: Vick Weng  Auditor: C.S. Lee  Issue department: NPSU-PPE
Step:

1. Turn the base unit over.
2. Loosen frame screw* 2.
   ❖ Torsion : $1.5 \pm 0.2$ Kgf · Cm

<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>Electric cross screwdriver(#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Tabulator: Vick Weng  Auditor: C.S. Lee  Issue department: NPSU-PPE
Step:

1. Loosen frame screw* 5.
   - Torsion: $2.0 \pm 0.2$ Kgf $\cdot$ Cm

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>Electric cross screwdriver(#1)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Vick Weng  
Auditor: C.S. Lee  
Issue department: NPSU-PPE
Step:

1. Loosen frame screw* 5.
   ❖ Torsion : 2.0 ± 0.2 Kgf • Cm

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>Electric cross screwdriver(T8)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tabulator: Vick Weng  Auditor: C.S. Lee  Issue department: NPSU-PPE
Standard Operation Procedure

Step:

1. Loosen frame screw* 4.

❖ Torsion : 2.0 ± 0.2 Kgf · Cm

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>Electric cross screwdriver(T8)</td>
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</tr>
</tbody>
</table>

Tabulator: Vick Weng  Auditor: C.S. Lee  Issue department: NPSU-PPE
**Standard Operation Procedure**

**Document No.** : Chromia Tracks 14 DIS ASS’Y SOP  
**Station** : 19(1/1)  
**Name** : Loosen Frame Screw  
**Ver.** : 0.10  
**Date** : 2018/01/16

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**Step :**

1. Loosen frame screw* 5.
   - Torsion : 2.0 ± 0.2 Kgf · Cm

---

**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>Electric cross screwdriver(T8)</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Tabulator : Vick Weng**  
**Auditor : C.S. Lee**  
**Issue department : NPSU-PPE**
Step:

1. Disassemble frame from base unit in order.

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

**Document No.**: Chromia Tracks 14 DIS ASS’Y SOP  
**Station**: 21(1/1)  
**Name**: Disassemble Click Pad FFC/EDP cable  
**Ver.**: 0.10  
**Date**: 2018/01/16

<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>

---

**Step**:

1. Disassemble click pad FFC(Fig.1).
2. Pull EDP cable mylar, than disassemble EDP cable from M/B CNTR(Fig.2).

---

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

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**Tabulator**: Vick Weng  
**Auditor**: C.S. Lee  
**Issue department**: NPSU-PPE
Step:

1. Disassemble smart card FFC(Fig.1).
2. Disassemble speaker cable from M/B CNTR(Fig.2).

Fig.1

Fig.2

Notes: If finding anything uncommon, notice foreman or assistant at once.
Step:
1. Disassemble F/P FFC from M/B CNTR(Fig.1).
2. Disassemble FAN cable from M/B CNTR(Fig.2).

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

1. Disassemble NFC FFC from M/B CNTR, then disassemble NFC & NFC antenna from top case.

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

1. Disassemble FFC & NFC antenna from NFC module.

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: Vick Weng  
Auditor: C.S. Lee  
Issue department: NPSU-PPE
Step:

1. Loosen screw*4.
   - **Torsion**: $1.5 \pm 0.2$ Kgf · Cm

<table>
<thead>
<tr>
<th>Steps</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
</tr>
</tbody>
</table>

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>
</tr>
</thead>
<tbody>
<tr>
<td>Electric cross screwdriver(#1)</td>
<td>1</td>
</tr>
</tbody>
</table>

**Tabulator**: Vick Weng  
**Auditor**: C.S. Lee  
**Issue department**: NPSU-PPE
Step:
1. Hold Fan position then pick up M/B 30~40°, then disassemble from top case.
**Standard Operation Procedure**

**Document No.**: Chromia Tracks 14 DIS ASS’Y SOP  
**Station**: 28(1/1)  
**Name**: Disassemble Thermal & Fan  
**Ver.**: 0.10  
**Date**: 2018/01/16

**Step**:  
1. Put M/B on support fixture, Loosen thermal & FAN screw, then separate thermal & FAN module from M/B.  
   - DIS type(Fig.2)  
   - UMA type(Fig.3)  
   - Torsion: 1.5 ± 0.2 Kgf·Cm  
2. Disassemble FFC from M/B CNTR(Fig.1).

---

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

<table>
<thead>
<tr>
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<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electric cross screwdriver(#1)</td>
<td>1</td>
<td>M/B B side support fixture</td>
<td>1</td>
</tr>
</tbody>
</table>

---

**Tabulator**: Vick Weng  
**Auditor**: C.S. Lee  
**Issue department**: NPSU-PPE
Standard Operation Procedure

Document No. : Chromia Tracks 14 DIS ASS'Y SOP  
Name : Disassemble LCM & Top Case  
Station : __29(1/1)___  
Ver. : __0.10___  
Date : __2018/01/16___

### Step:

1. Open LCM to 150°, put base unit on support fixture(Fig.1).
2. Loosen screw*6(Fig.2/Fig.3).
   ❖ Torsion : \(2.5 \pm 0.2\) Kgf \(\cdot\) cm

---

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

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<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Support fixture</td>
<td>1</td>
<td>Electric cross screwdriver(#1)</td>
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Tabulator : Vick Weng  
Auditor : C.S. Lee  
Issue department : NPSU-PPE
Step:
1. Disassemble F/P bracket from left side to right side.
2. Disassemble F/P or dummy F/P.
Standard Operation Procedure

Document No. : Chromia Tracks 14 DIS ASS’Y SOP
Name : Disassemble Smart/Dummy card
Station : __31(1/1)__
Ver. : 0.10
Date : 2018/01/16

W/Smart Card

Step:
1. Loosen W/Smart Card screw*3(Fig.1) or S/C dummy screw*2(Fig.2).
   ❖ Torsion : 1.5 ± 0.2 Kgf · cm
2. Disassemble bracket & Smart Card or S/C dummy from top case.

Fig.1

Smart Card Dummy

1 2

Fig.2

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

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Tabulator : Vick Weng  Auditor : C.S. Lee  Issue department : NPSU-PPE
**Standard Operation Procedure**

Document No. : Chromia Tracks 14 DIS ASS’Y SOP  
Name : Disassemble USB/B  
Station : 32(1/1)  
Ver. : 0.10  
Date : 2018/01/16

**Step :**

1. Loosen USB/B screw* 1, then disassemble USB/B from top case.

   - Torsion : $1.5 \pm 0.2 \text{ Kgf } \cdot \text{ cm}$

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

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Tabulator : Vick Weng  
Auditor : C.S. Lee  
Issue department : NPSU-PPE
Standard Operation Procedure

**Step:**

1. Loosen speaker screw*1, then disassemble speaker from top case(Fig.1).
2. Loosen Power/B screw*1, then disassemble Power/B from top case(Fig.2).
   ❖ Torsion : 2.0 ± 0.1 Kgf . cm
3. Disassemble FFC from click pad CNTR(Fig.3).

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

**Document No.:** Chromia Tracks 14 DIS ASS’Y SOP  
**Station:** 33(1/1)  
**Name:** Disassemble Speaker & Power/B  
**Ver.:** 0.10  
**Date:** 2018/01/16  
**Tabulator:** Vick Weng  
**Auditor:** C.S. Lee  
**Issue department:** NPSU-PPE
Step:

1. Loosen screw(PS)*4.
   
   Torsion: 1.5 ± 0.2 Kgf cm

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

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Standard Operation Procedure

Document No. : Chromia Tracks 14 DIS ASS’Y SOP
Station : 35(1/1)
Name : Loosen Screw
Ver. : 0.10  Date : 2018/01/16

Step :

1. Loosen screw(NPS)*3.
   (PS)*3.
   ❖ Torsion : 1.5 ± 0.2 Kgf . cm

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

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Tabulator : Vick Weng  Auditor : C.S. Lee  Issue department : NPSU-PPE
Step:

1. Loosen screw (NPS)*3.
   (PS)*3.
   ❖ Torsion: 1.5 ± 0.2 Kgf . Cm

2. Disassemble click pad or click pad + pick button from top case.

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

1. Disassemble front bezel in order.

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

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Tabulator: Vick Weng          Auditor: C.S. Lee          Issue department: NPSU-PPE
Step:

1. Loosen LCM screw* 4.

❖ Torsion: 1.5 ± 0.2 Kgf cm
Standard Operation Procedure

Document No. : Chromia Tracks 14 DIS ASS’Y SOP
Name : Disassemble LCM
Station : __39(1/1)__
Ver. : __0.10__
Date : __2018/01/16__

Step :
1. Disassemble LCM from rear case(Fig.1).
2. Disassemble EDP cable from LCM module(Fig.2).

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

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Tabulator : Vick Weng  
Auditor : C.S. Lee  
Issue department : NPSU-PPE
Standard Operation Procedure

Document No. : Chromia Tracks 14 DIS ASS’Y SOP  Station : 40(1/1)
Name : Disassemble Panel Bracket  Ver. : 0.10  Date : 2018/01/16

Step :
1. Pull LCM bracket mylar, then separate bracket from LCM.

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

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Tabulator : Vick Weng  Auditor : C.S. Lee  Issue department : NPSU-PPE
Standard Operation Procedure

Document No. : Chromia Tracks 14 DIS ASS’Y SOP Station : 41(1/1)
Name : Disassemble Hinge Gap Ver. : 0.10 Date : 2018/01/16

Step :

For Non-Touch
1. Loosen hinge cap screw*2(position 3 & 4).
   ❖ Torsion : 1.5 ± 0.2 Kgf . cm

For Touch
2. Loosen screw*4(position 1~4).
   ❖ Torsion : 1.5 ± 0.2 Kgf . cm
3. Disassemble hinge cap from rear case.

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

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Tabulator : Vick Weng  Auditor : C.S. Lee  Issue department : NPSU-PPE
Standard Operation Procedure

Document No. : Chromia Tracks 14 DIS ASS’Y SOP
Name : Loosen Hinge Screw

Step :

   ❖ Torsion : 1.5 ± 0.2 Kgf . cm

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

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Step:

1. Disassemble hinge R & L.

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

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Tabulator: Vick Weng  Auditor: C.S. Lee  Issue department: NPSU-PPE
Standard Operation Procedure

Document No. : Chromia Tracks 14 DIS ASS’Y SOP  Station : 44(1/1)
Name : Disassemble Camera/MIC Board  Ver. : 0.10  Date : 2018/01/16

Step :
1. Disassemble Camera/MIC board from rear case.
2. Disconnect CCD cable from Camera/MIC board, then disassemble cable from hook.

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 : Vick Weng  Auditor : C.S. Lee  Issue department : NPSU-PPE
Step:

1. Disassemble Antenna-L from hook, then rip antenna from rear case.

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

1. Disassemble Antenna-R from hook, then rip antenna from rear case.

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