






# 1.Mechanical Instruction (here take BOE panel model for example)

## 1.1Disassembly Procedures

Tools: 2 Power screwdrivers ( $\varphi=5\text{mm}$ ,  $L=60\text{mm}$ ); 1 small cross screwdriver; turnbuckle driver;

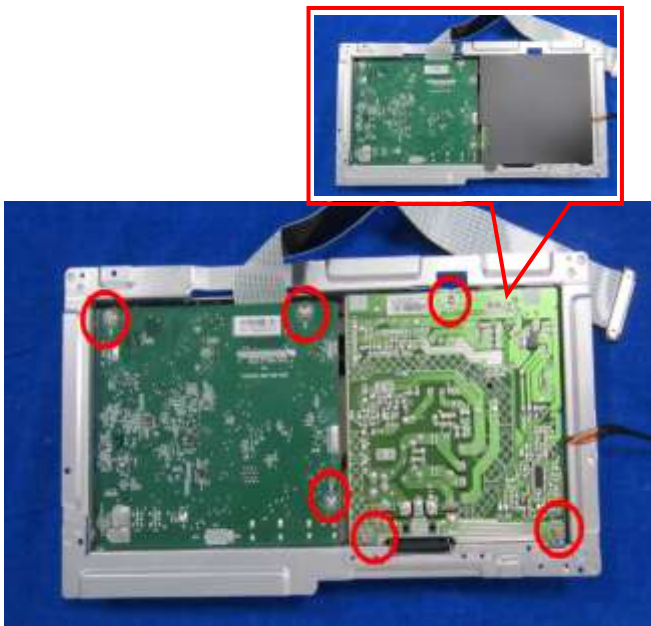
Setting: Power screwdriver torque  $A=6\text{ kgF.Cm}$

Step	Figure	TOOI	Remark
<p>Remove the Base ass'y. and stand ass'y.</p>			<p>Unscrew the 4 screws by the Philips-head Screwdriver and Press the button by hand to remove the hinge assy Torque=<math>6\pm 1\text{kgf.cm}</math></p> <p>Note: Put the monitor on a flat, soft and clean surface.</p>
<p>Remove the Rear cover . Disconnect the FFC cables and LVDS cabel.</p>		  	<p>Unscrew the 4 screws by the Philips-head Screwdriver. Torque=<math>6\pm 1\text{kgf.cm}</math></p> <p>Take scraper insert the bezel and back-cover, then push it up clockwise</p>







Unscrew the screws.  
Torque=6±1kgf.cm  
Tear out the four wires.

**Remove the Mainboard**



Remove the screws.  
Torque=6±1kgf.cm

<p><b>Main board</b></p>	 A green printed circuit board (PCB) populated with various electronic components. It features a central microcontroller or processor, several integrated circuits, capacitors, and resistors. On the right side, there are connectors for USB, FireWire, and other peripherals. A ribbon cable is connected to the bottom edge.		
<p><b>Power board</b></p>	 A yellow PCB designed for power regulation. It contains a large electrolytic capacitor, a transformer, and several diodes. A yellow label with the text "ELECTRONIC PARTS" is visible. The board has various connectors and is connected to a power source via a multi-colored cable.		
<p><b>Mainframe</b></p>	 A white, rectangular metal chassis or mainframe. It has a complex internal structure with various cutouts and mounting points. A small connector is visible on the left side. The mainframe is shown from an internal perspective, highlighting its structural design.		

rear cover			<p>Remove the screws. Torque=6±1kgf.cm Separate the USB board and rear cover.</p>
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## 1.2. Product material information

The following substances, preparations, or components should be disposed of or recovered separately from other WEEE in compliance with Article 4 of EU Council Directive 75/442/EEC.

Capacitors / condensers (containing PCB/PCT)	No used
Mercury containing components	No used
Batteries	No used
Printed circuit boards (with a surface greater than 10 square cm)	Product has printed circuit boards (with a surface greater than 10 square cm)
Component contain toner, ink and liquids	No used
Plastic containing BFR	No used
Component and waste contain asbestos	No used
CRT	No used
Component contain CFC, HCFC, HFC and HC	No used
Gas discharge lamps	No used
LCD display > 100 cm <sup>2</sup>	Product has an LCD greater than 100 cm <sup>2</sup>
External electric cable	Product has external cables
Component contain refractory ceramic fibers	No used
Component contain radio-active substances	No used
Electrolyte capacitors (height > 25mm, diameter > 25mm)	Product has electrolyte capacitors (height > 25mm, diameter > 25mm)

### **1.3. Tools Required**

List the type and size of the tools that would typically can be used to disassemble the product to a point where components and materials requiring selective treatment can be removed.

Tool Description:

- Screwdriver (Phillip-head, Hexagonal head)
- Penknife
- Soldering iron and absorber