


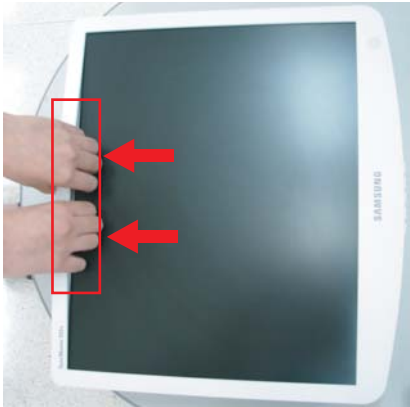

11 Disassembly and Reassembly

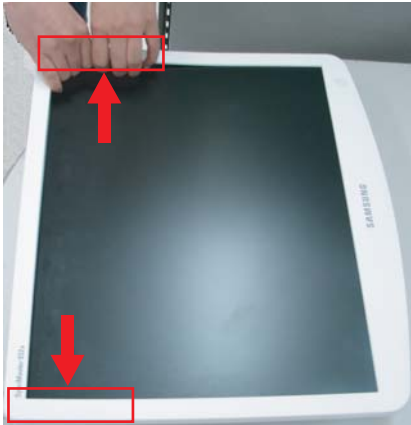
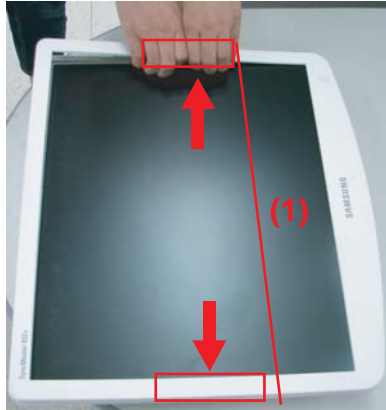

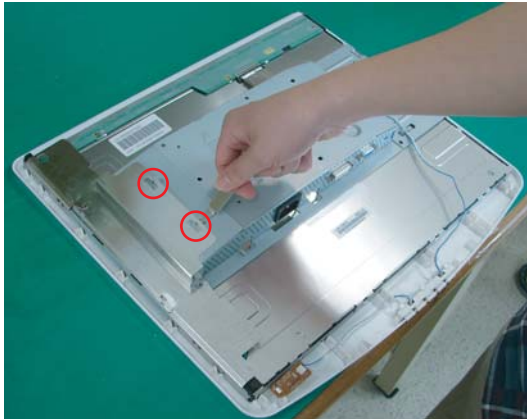
This section of the service manual describes the disassembly and reassembly procedures for the LS17PEA/LS19PEB TFT-LCD monitors.

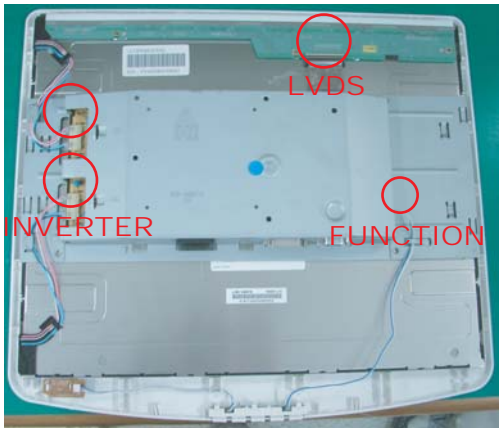
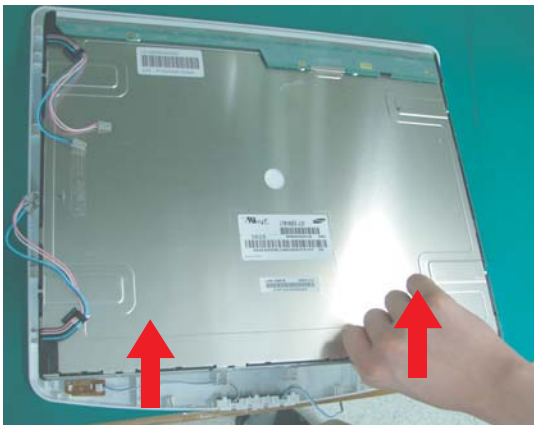

⚠ WARNING: This monitor contains electrostatically sensitive devices. Use caution when handling these components.

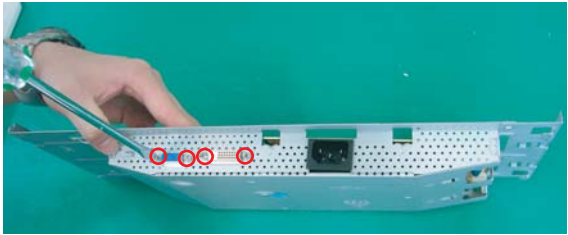
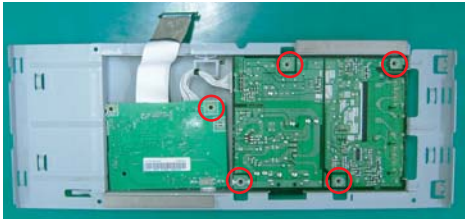

11-1 Disassembly

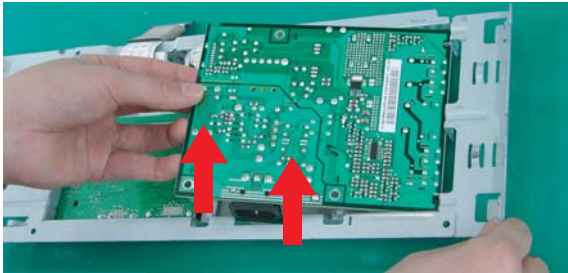

- ⚠ Cautions:**
- 1. Disassemble stand on a flat desk.
 - 2. Disconnect the monitor from the power source before disassembly.

Description	Picture Description
1. Place a soft cloth on the desk and place the monitor on the cloth upside down. Remove the stand in the direction of the arrow.	
2. Turn the monitor so the front section is facing upwards. Remove the marked parts from the front cover, as shown in the figure below.	
3. Remove the marked part from the top edge of the front cover, as shown in the figure below.	

Description	Picture Description
<p>4. Remove the marked parts from both sides of the front cover, as shown in the figure below.</p>	
<p>5. Remove the marked part from the front cover, as shown in the figure below.</p> <p>Caution: Do not lift the front cover over position (1), which may cause damage to it.</p>	
<p>6. Turn the monitor so the back of it is facing upwards. Lift up and remove the back cover.</p>	
<p>7. Use the jig to remove the shield lamp. (Be careful Shield.)</p>	

Description	Picture Description
<p>8. Disconnect cables. (LVDS, INVERTER and FUNCTION cable)</p>	 <p>The image shows the back of a laptop LCD panel. Three red circles are drawn on the panel to indicate connection points. The top circle is labeled 'LVDS'. The bottom-left circle is labeled 'INVERTER'. The bottom-right circle is labeled 'FUNCTION'. Wires are visible connected to these points.</p>
<p>9. Lift up the LCD panel.</p>	 <p>The image shows a hand lifting the LCD panel from the bottom edge. Two red arrows point upwards from the bottom edge of the panel, indicating the direction of movement.</p>
<p>10. LCD Panel</p>	 <p>The image shows the back of the LCD panel, which is now detached from the laptop. It shows the same connection points and labels as in the previous image.</p>

Description	Picture Description
<p>11.Remove screws. (17"=2 screws, 19"=4 screws)</p>	
<p>12. Remove 5 screws.</p>	
<p>13. Lift up the Bracket Support.</p>	

Description	Picture Description
14. Lift up the Main PCB and IB Board.	
15. Main PCB and IB Board	

11-2 Reassembly

Reassembly procedures are in the reverse order of disassembly procedures.

11-3 Stand

11-3-1 Installing the Stand



A: Monitor



B: Connecting pin

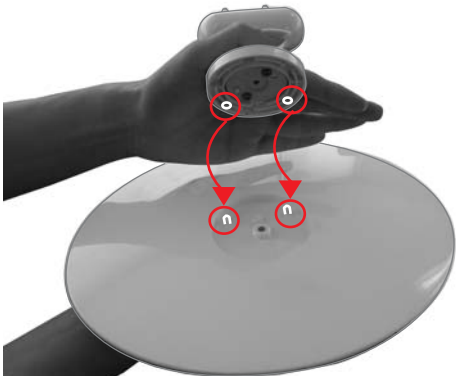

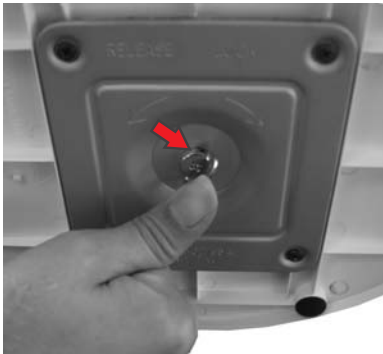



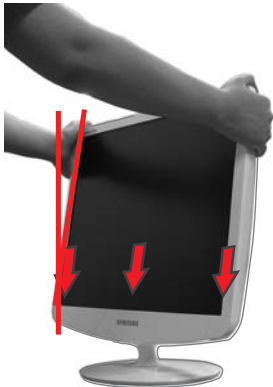
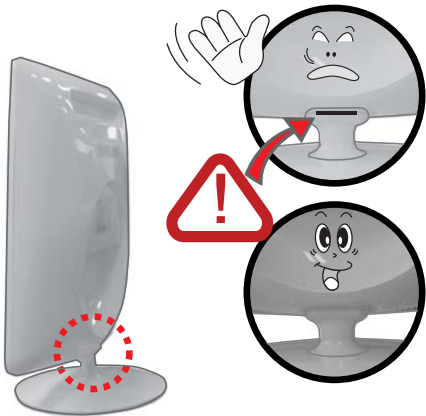
C: Stand





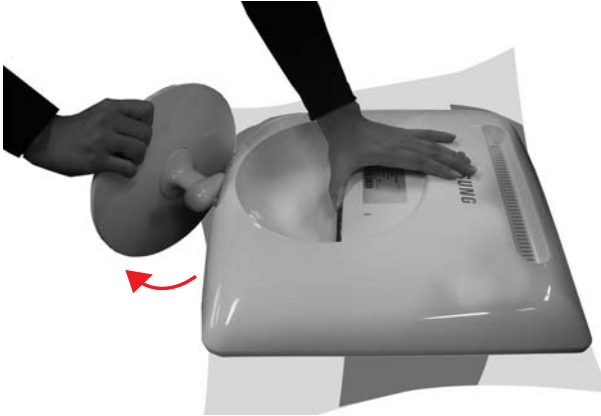

⚠ Caution


When lifting up or moving the monitor, do not lift the monitor upside down while holding only the stand, as this may cause the monitor to fall, leading to damage or personal injury.

Description	Picture Description
1. Insert the connecting pin into the stand.	
2. Stand the screw handles up and tighten the screws firmly by turning them.	
3. Place the screw handles back down.	

Description	Picture Description
<p>4. Turn the stand so ▽ mark on the connecting pin is facing the front.</p>	
<p>4. Check the connecting part between the monitor and the stand.</p>	
<p>4. Tilt the monitor upwards at an angle of 5 ° to 10° so that the base is closer to you than the top. Then hold the monitor on the stand by its top parts and push them downwards.</p> <p>(You can assemble it more easily by pushing it down while wiggling it a little to the left and right.)</p>	
<p>5. When the monitor is assembled correctly, the straight groove line at the back of the connecting pin will not be visible when the monitor is erected at 90°.</p>	

11-3-2 Removing the Stand

Description	Picture Description
<p>1. Place a soft cloth or cushion on the table and place the monitor with the front facing downwards.</p>	
<p>2. Hold the monitor and lean the stand upwards.</p>	
<p>3. Hold the monitor, and then twist the stand strongly to the left and pull it out.</p>	
<p>4. Stand the screw handles up and unfasten the screws by turning them.</p>	

Description	Picture Description
<p>5. Remove the connecting pin from the stand.</p>	

Memo