

3. Disassembly and Reassembly

This section of the service manual describes the disassembly and reassembly procedures for the LED TV.



This LED TV contains electrostatically sensitive devices. Use caution when handling these components.

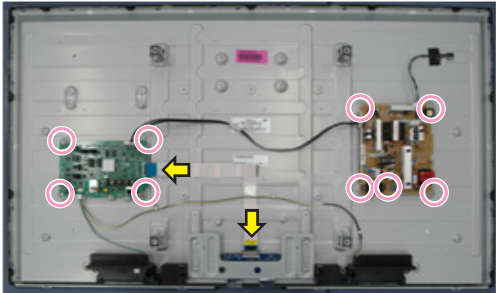
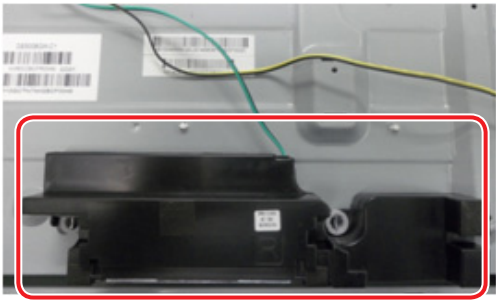
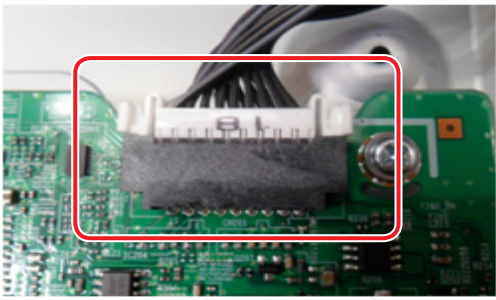
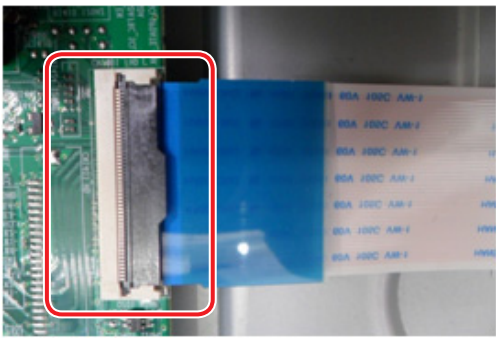
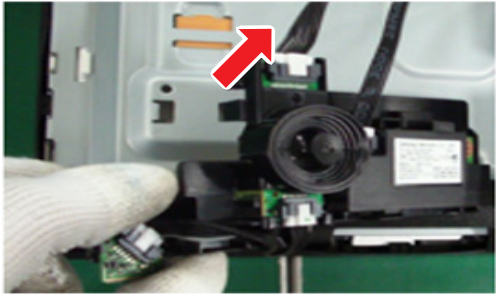
3-1. Disassembly and Reassembly

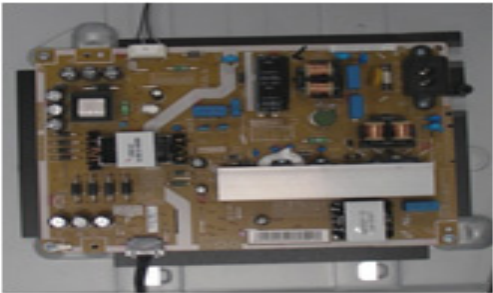


1. Disconnect the LED TV from the power source before disassembly.
2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.
3. If there is no additional coment, it is same for all inches.

Description	Picture Description	Screws
1 Place TV face down on cushioned table.		
2 Remove screws from the Stand and Remove Stand. – 58" : 4ea		 6003-001782
3 Remove screws of Rear Cover.		 6003-001782 6003-002755

3. Disassembly and Reassemble

Description	Picture Description	Screws
4 Remove screws of Main Board and Power Board.		 6001-002756
5 Remove the speakers and power cables.	 	
6 Remove the cables, function assy and Panel drive cable.	 	

Description	Picture Description	Screws
		
7 Completed disassembly.		

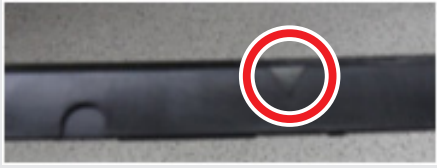


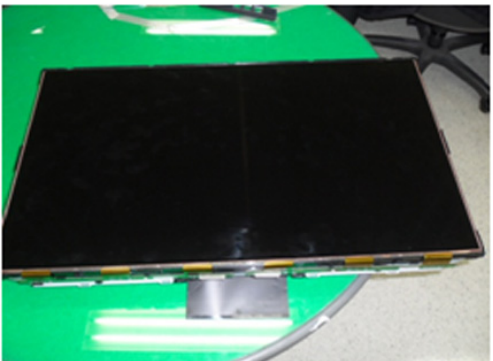
NOTE

Reassembly procedures are in the reverse order of disassembly procedures.

3-2. Disassembly(PTC)

■ How to disassembly

Description	Picture Description	Refer
1 Place TV face up on cushioned table.		
2 Remove the ASSY Function assy.		
3 Spread the both sides of PTC upper (marked "▼") by use the tool.  CAUTION Do not scratch on both side by use tool. Gate Cof will be damaged. 	 	

Description	Picture Description	Refer
4 Separate the left and right side of the PTC as shown.		
5 Separate the Bottom of the PTC as shown		
6 Raise up the PTC Bottom.		
7 Disassembly is complete.		

■ How to reassembly

Description	Picture Description	Refer
1 Attach the PTC Bottom first to the Panel.	 A close-up photograph showing a person's hand in a maroon sleeve holding a black plastic PTC (Plastic Thermal Connector) and aligning it with the bottom edge of a Samsung monitor panel. The panel is resting on a green surface.	
	 A close-up photograph showing the same hand pressing the black plastic PTC into the bottom edge of the Samsung monitor panel. The panel is on a green surface.	
2 Secure the plastic latch on the left and right side of the PTC as shown.	 A close-up photograph showing a person's finger in a maroon sleeve pressing a small white plastic latch on the left side of the black PTC, which is now attached to the bottom of the Samsung monitor panel. The panel is on a green surface.	

Description	Picture Description	Refer
3 Visually inspect the spacing between the PTC and the Panel for equal clearance. CAUTION Combine to stick the PTC Rib into the middle mold.		

3. Disassembly and Reassemble

Description	Picture Description	Refer
4 Assembly is complete.		