

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

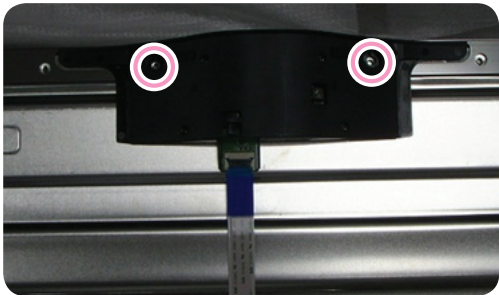
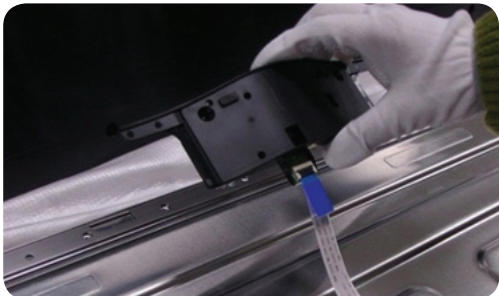

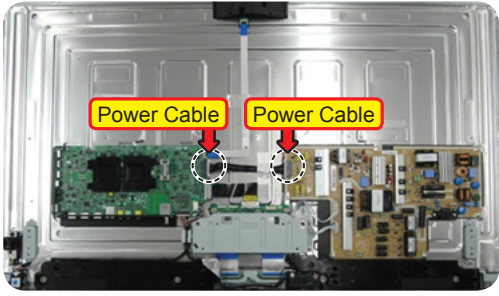
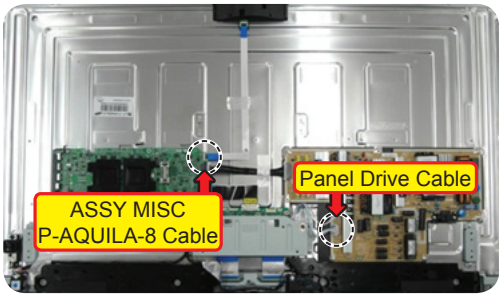
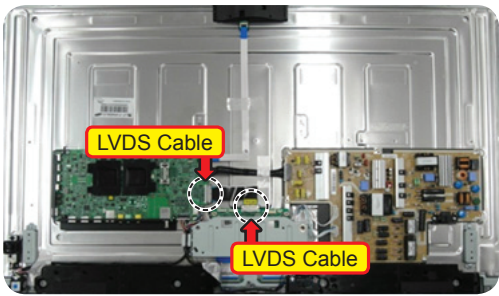


1. Disconnect the LED TV from the power source before disassembly.
2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.
3. If there is no additional coment, it is same for all inches.

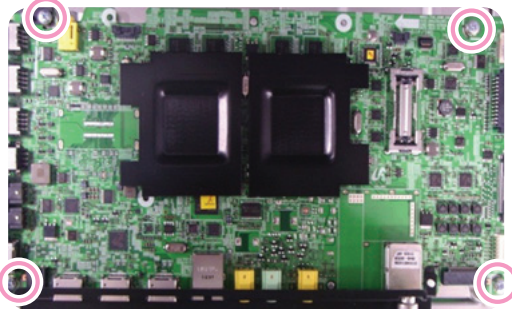

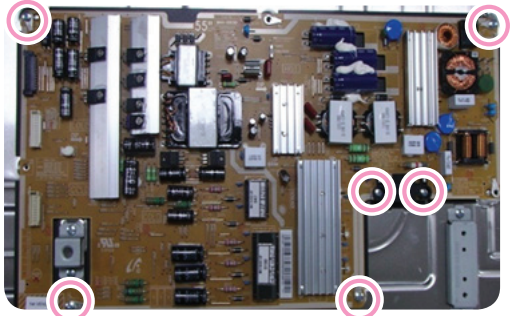

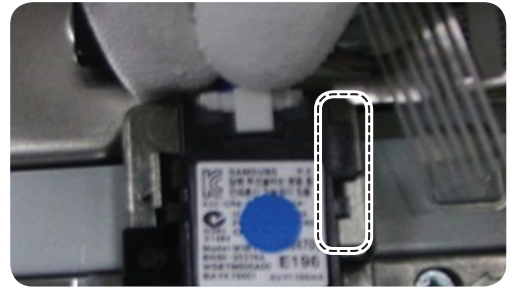
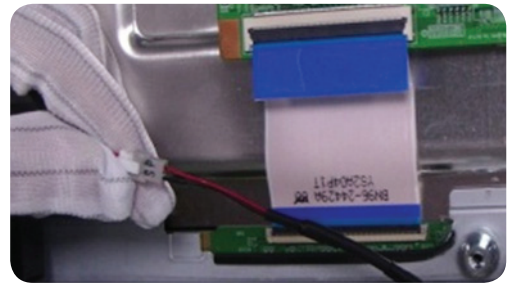

| Description | Picture Description | Screws |
|--|---------------------|--------|
| 1 Place TV face down on cushioned table. | | |
| 2 Remove 4 screws from the ASSY STAND P-BAS. | | |
| 3 Remove ASSY STAND P-BASE. CAUTION Becareful when you remove ASSY STAND P-BASE, It could be sharp as a metal parts. | | |

3. Disassembly and Reassemble

| Description | Picture Description | Screws |
|--|--|--|
| <p>4 Remove the screws of ASSY COVER P-REAR.</p> <ul style="list-style-type: none"> 40 inch : TBD EA 46 inch : 19 EA 55 inch : 20 EA |  | <p>Torque : 4~ 5Kgf.cm.</p>  <p>6001-002996</p> |
| <p>5 Lift up and remove the ASSY COVER P-REAR.</p> <p>! CAUTION</p> <p>Becareful when you lift up the ASSY COVER P-REAR, It's really sharp.</p> |  | |
| <p>6 Remove the ASSY BOARD P-SWITCH FUNCTION Cable and Speaker Cable.</p> <p>NOTE</p> <p>Remove the ASSY BOARD P-SWITCH FUNCTION Cable, before removing the Speaker.</p> |  | |
| <p>7 Remove the ASSY SPEAKER (L/R).</p> |  | |

| Description | Picture Description | Screws |
|---|---|---|
| <div data-bbox="183 286 215 336">8</div> <div data-bbox="252 286 651 342">Remove the 2 screws of ASSY MISC P-AQUILA-8.</div> | <div data-bbox="710 291 1211 584"></div> <div data-bbox="710 613 1211 907"></div> | <div data-bbox="1254 291 1417 517"><div data-bbox="1321 297 1417 349">Torque : 7~ 8Kgf.cm</div></div> <div data-bbox="1259 490 1406 517">6001-003016</div> |
| <div data-bbox="183 936 215 985">9</div> <div data-bbox="252 936 675 1048">Remove cable of the ASSY PCB MAIN and DC VSS-LED TV PD BD, before removing the SSY PCB MAIN and DC VSS-LED TV PD BD.</div> | <div data-bbox="710 940 1211 1234"><div data-bbox="799 1037 930 1064">Power Cable</div><div data-bbox="959 1037 1090 1064">Power Cable</div></div> <div data-bbox="710 1256 1211 1550"><div data-bbox="743 1451 930 1503">ASSY MISC P-AQUILA-8 Cable</div><div data-bbox="1007 1417 1185 1444">Panel Drive Cable</div></div> <div data-bbox="710 1585 1211 1879"><div data-bbox="799 1709 930 1736">LVDS Cable</div><div data-bbox="943 1827 1074 1854">LVDS Cable</div></div> | |

3. Disassembly and Reassemble

| Description | Picture Description | Screws |
|--|--|---|
| 10 Remove the 4 screws of ASSY PCB MAIN. |  | <div data-bbox="1321 300 1417 353">Torque : 7~ 8Kgf.cm</div>  <div data-bbox="1262 495 1401 517">6001-003016</div> |
| 11 Remove the 6 screws of DC VSS-LED TV PD BD. |  | <div data-bbox="1321 636 1417 689">Torque : 7~ 8Kgf.cm</div>  <div data-bbox="1262 824 1401 846">6001-003016</div> |
| 12 Remove cable of the ASSY BOARD P-RF-MODULE, ASSY BOARD P-SWITCH FUNCTION, before removing the ASSY BOARD P-RF-MODULE and ASSY BOARD P-SWITCH FUNCTION. |   | |
| 13 Completed disassembly. <ul style="list-style-type: none"> Panel |  | |



NOTE

Reassembly procedures are in the reverse order of disassembly procedures.