

3. Disassembly and Reassemble

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

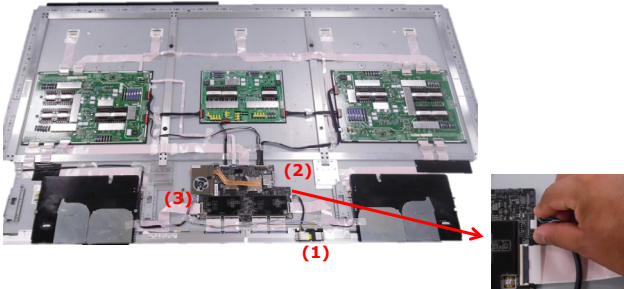


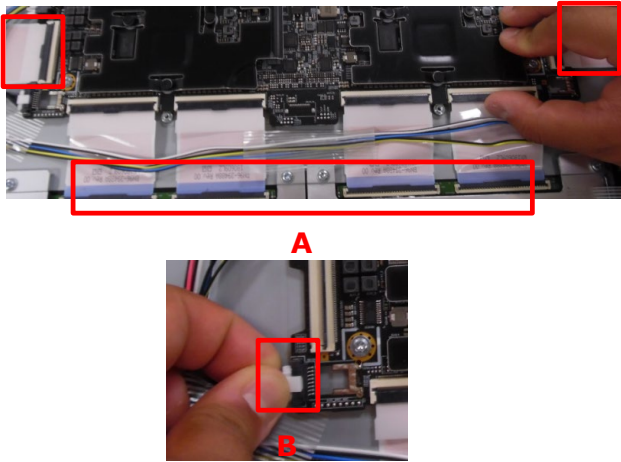
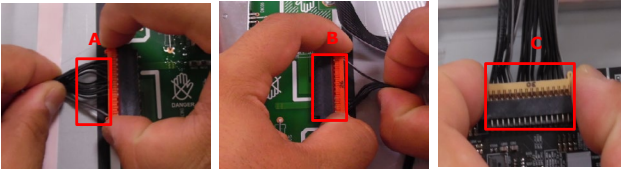
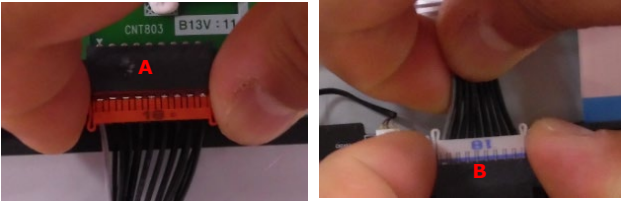
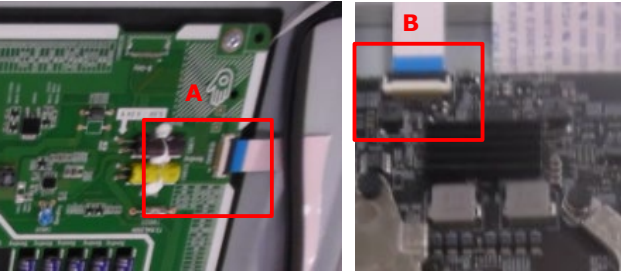
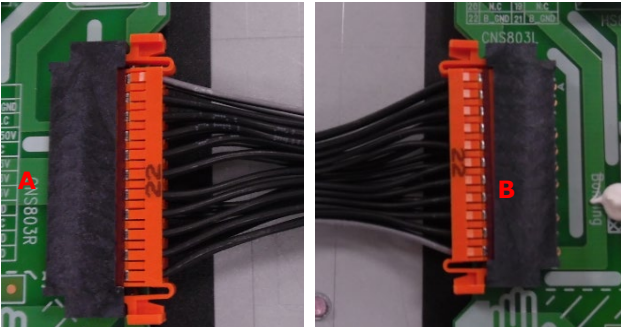
1. Disconnect the LED TV from the power source before disassembly.
2. Follow these directions carefully.
 - Use the Samsung Open Jig and Cushion to remove the Rear Cover.
 - Open Jig Tool, Protection Cushion (curved models Only)
 - Recommended Torque for Cabinet/Stand screws : 10 ~ 12kgf
 - A strength of Torque can be changed depending on the situation.

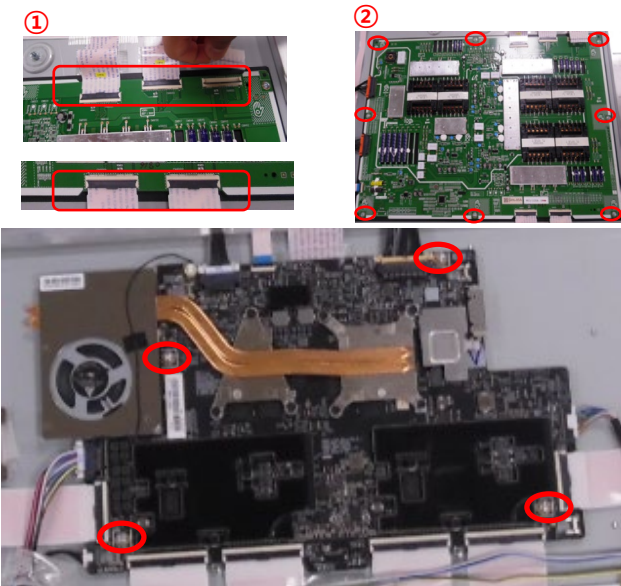
3-1. TV Disassembly

Description & Screws	Picture Description
1 Place the TV on the Protection Cushion.	
2 4EA screws on TV stand guide. And then remove stand.	

3. Disassembly and Reassemble

Description & Screws	Picture Description
3 Insert the Open Jig tool completely into bottom of the rear cover(1) and following directions ②→③→④	
4 Gently lift up the Rear Cover from the bottom corners to release all mounting clips as indicated by Red Rectangles. If tabs break, Using Back cover as it is.	
5 Remove the BT/WIFI module from Source Cover(1). Remove the BT/WIFI and speaker cables from the TV board(2) then remove the speakers(3).	

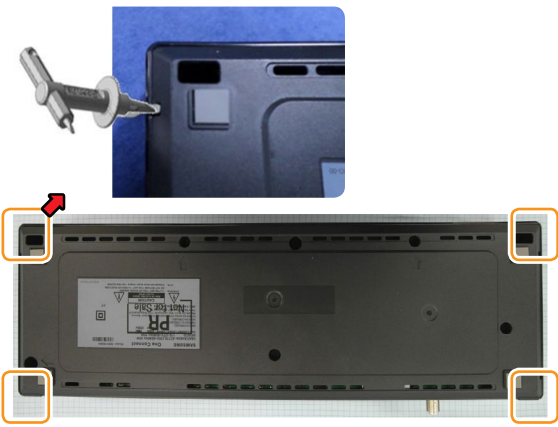
Description & Screws	Picture Description
6 Remove USI-T cables(A) and Function cable(B) on TV board.	
7 Remove the power cable(A), (B) on Power board. Remove the power cable(C) on TV Board	
8 Remove the power cable(A) on Power board. Remove the power cable(B) on TV Board	
9 Remove the ffc(SPI)(A) on Power board. Remove ffc(SPI) (B) on TV Board	
10 Remove the power cable(A), (B) on Power board	

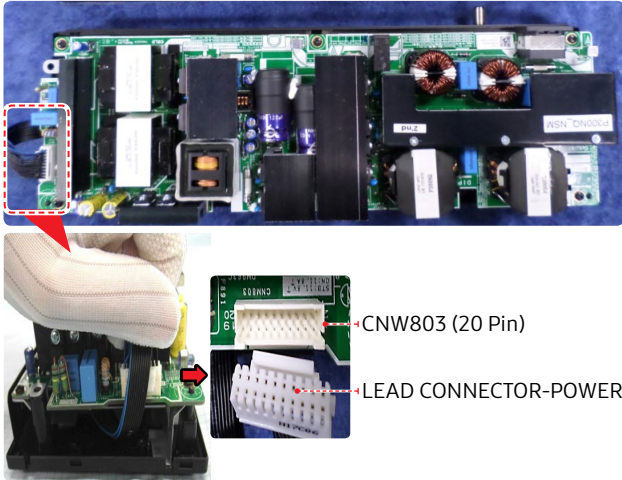
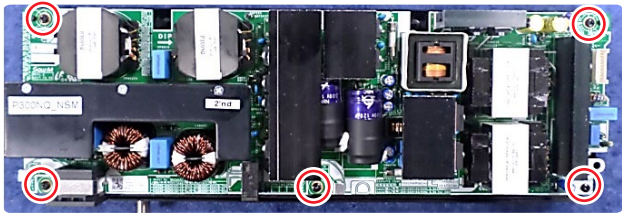
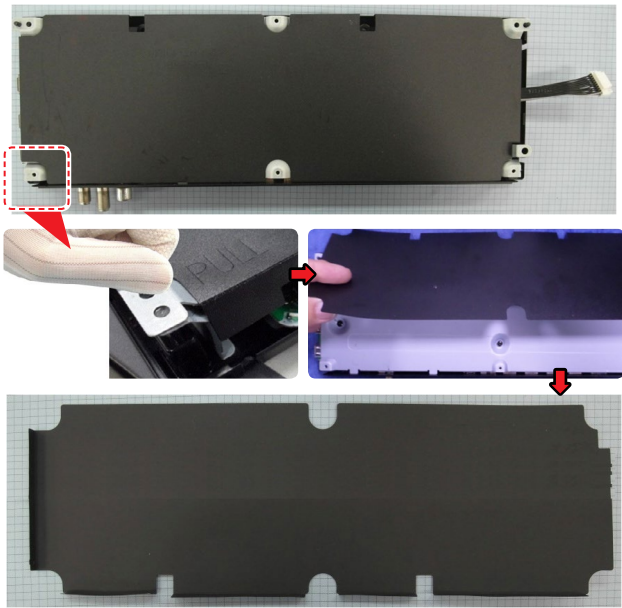
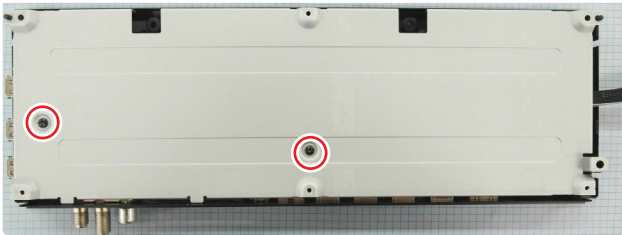
Description & Screws	Picture Description
11 Removing LD/ SMPS board - Remove each FFC Cable(BLU) (①) - Undo 8 screw points(②) Removing Main board - Undo 4 screw points	

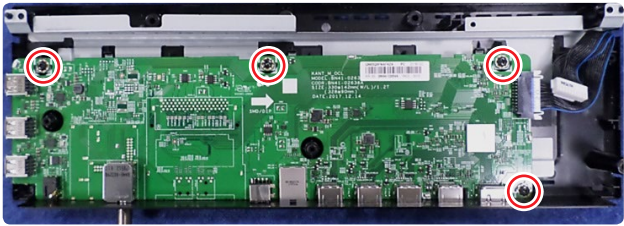
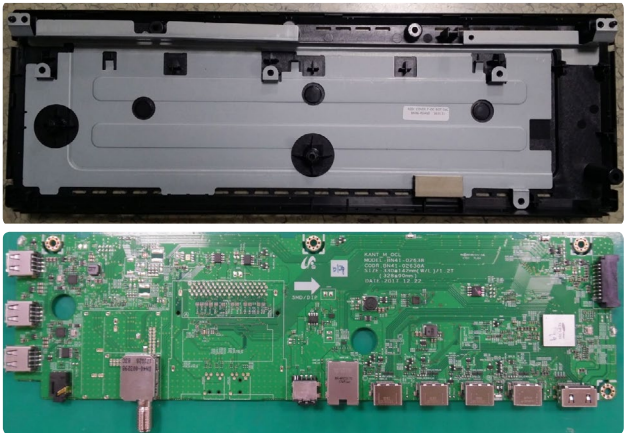
 **NOTE**

Reassembly procedures are in the reverse order of disassembly procedures.

3-2. One Connect Disassembly

Description & Screws	Picture Description
1 Remove the 3 screws from ASSY COVER P-OC BOTTOM. Screws  6003-000282 SCREW-TAPTYPE : M3 x L8, ZPC(BLK) • C/BOTTOM+C/TOP	
2 Use the Open Tool to unlock each corner. Open Jigs Use Open Jig Tool or a similar Tool.  BN81-14946B	
3 Turn One Connect Box upright and Remove Top Cover.  WARNING Before Removing SMPS Board - You have to discharge the SMPS by using service JIG. ✓ If LED ON : LED OFF, discharge is completed. A/S-DISCHARGE-JIG  BN81-12884A	

Description & Screws	Picture Description
4 Remove the Cables.	 CNW803 (20 Pin) LEAD CONNECTOR-POWER
5 Remove the 5 screws at each marked screw location on the board. Screws  6003-000282 SCREW-TAPTYPE : M3 x L8, ZPC(BLK) • SMPS+S/TOP	
6 Lift off the black Insulator Sheet taped to the plate assembly at "PULL" marked location. Be careful not to tear it.	
7 Remove the 2 screws on the plate Assembly then remove the assembly. Screws  6003-000282 SCREW-TAPTYPE : M3 x L8, ZPC(BLK) • S/TOP+C/BOTTOM	

Description & Screws	Picture Description
8 Remove the 4 screws on the One Connect Board. Screws  6003-000282 SCREW-TAPTYPE : M3 x L8, ZPC(BLK) • MAIN BOARD+C/BOTTOM	
9 Completed the disassembly.	

**NOTE**

Reassembly procedures are in the reverse order of disassembly procedures.