

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

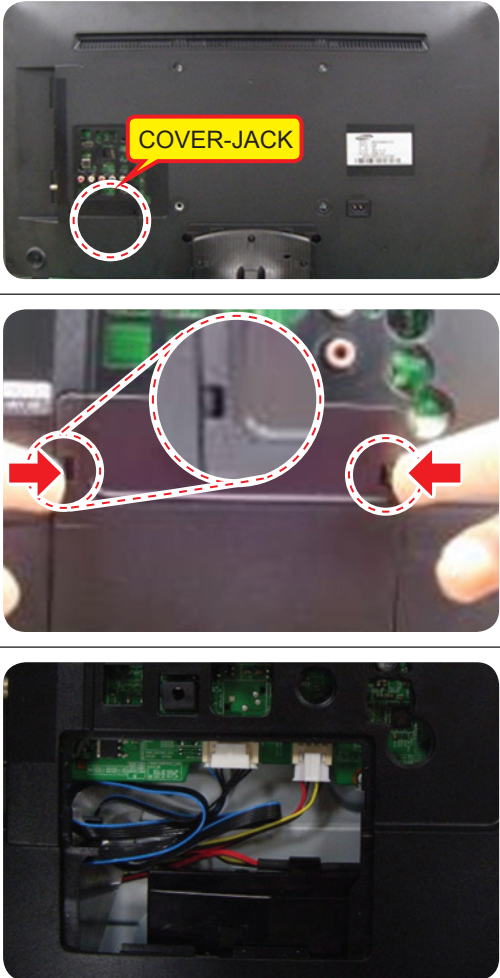
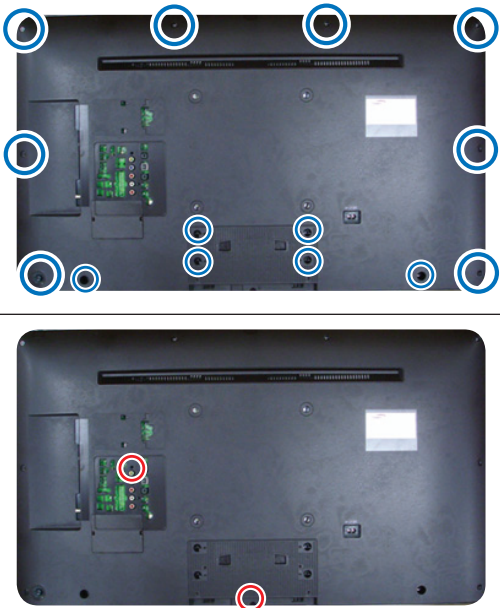


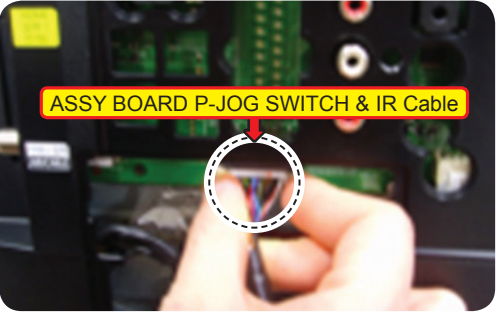
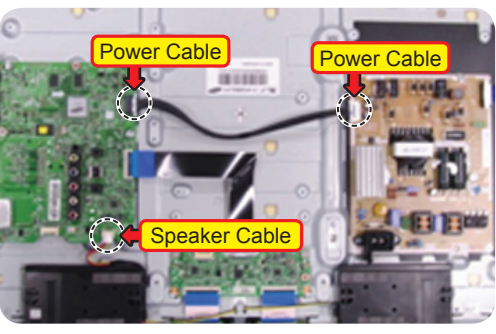
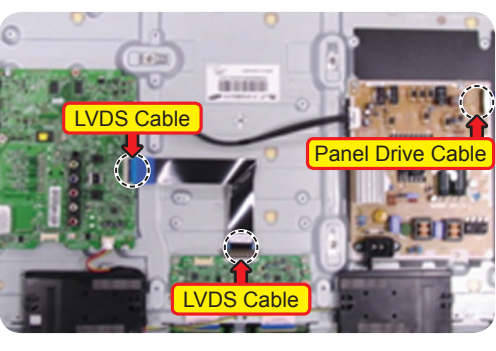
1. Disconnect the LED TV from the power source before disassembly.
2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.
3. If there is no additional coment, it is same for all inches.

3-1-1. LED TV

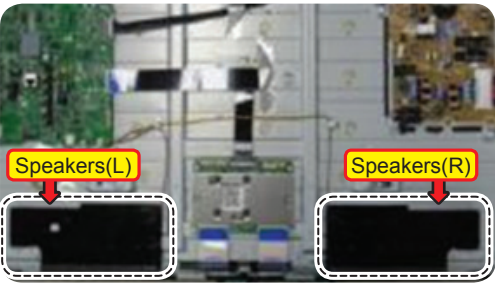
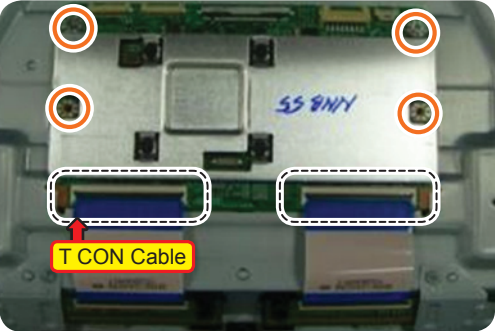
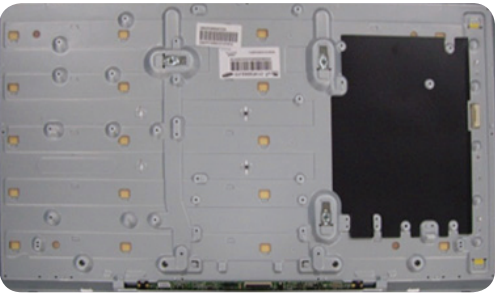
Description	Picture Description	Screws
1 Place TV face down on cushioned table.		
2 Remove 4 screws from the ASSY GUIDE P-STAND.		Torque : 9~11Kgf.cm. 6003-001782
3 Remove STAND.		

3. Disassembly and Reassemble

Description	Picture Description	Screws
4 Remove the COVER-JACK after push the locking in both sides.		
5 Remove screws of ASSY COVER P-MIDDLE, REAR. • 40 inch : 14 EA • 46 inch : 14 EA • 55 inch : 21 EA • 40 inch : 2 EA • 46 inch : 3 EA • 55 inch : 5 EA		Torque : 7~8Kgf.cm.  6001-002755 Torque : 9~11Kgf.cm.  6003-001782

Description	Picture Description	Screws
6 Disconnect the ASSY BOARD P-JOG SWITCH & IR Cable.  NOTE First remove the cable before you remove the ASSY COVER P-MIDDLE, REAR.	 ASSY BOARD P-JOG SWITCH & IR Cable	
7 Remove the ASSY COVER P-MIDDLE, REAR.		
8 Remove the Power Cables and Speaker Cables. Remove the LVDS Cable and Panel Drive Cable.	 Power Cable Power Cable Speaker Cable	
	 LVDS Cable Panel Drive Cable LVDS Cable	
9 Remove the screws of ASSY PCB MAIN.		Torque : 7~8Kgf.cm  6001-002756

3. Disassembly and Reassemble

Description	Picture Description	Screws
10 Remove the screws of DC VSS-LED TV PD BD.		Torque : 7~8Kgf.cm  6001-002756
11 Remove the ASSY SPEAKER (L/R).		
12 Remove the 4 screws of ASSY T CON and unlock the locking of T CON Cable.		Torque : 7~8Kgf.cm  6001-002756
13 Completed disassembly. Panel.		



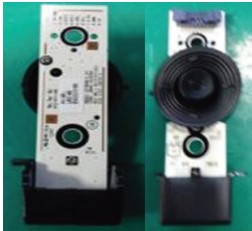
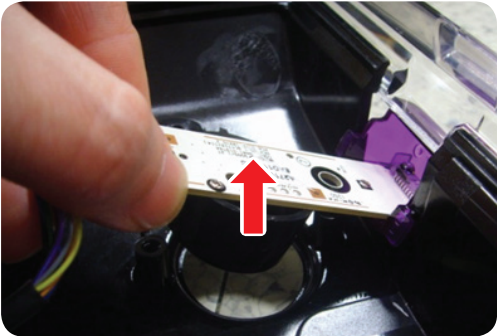
NOTE

Reassembly procedures are in the reverse order of disassembly procedures.

Screw Size

Code No.	COLOR	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Screw Image
6003-001782	BLACK	7.80~8.20	1.85~1.95	3.81~3.91	11.4~12.0	-	
6001-002755	BLACK	7.1~7.5	1.9~2.0	2.98~3.02	5.7~6.0	4.4~5.4	
6001-002756	WHITE	5.6~6.0	1.15~1.25	2.92~2.98	3.7~4.0	4.4~5.4	

3-1-2. ASSY BOARD P-JOG SWITCH & IR Cable

Description	Picture Description	Screws
1 Loosen 2 screws.		 6001-000115
2 Pull out an ASSY BOARD P-JOG SWITCH & IR. • ASSY BOARD P-JOG SWITCH & IR 		



NOTE

Reassembly procedures are in the reverse order of disassembly procedures.

When you want to disable the Function Key

Option
Control
Debug
SVC
ADC/WB
Advanced

Engineer Option

Type of PANEL KEY

- 5 way : IR + Key → Default
- Old : Touch Function (C model) Key
- IR Only : Do not work Function key of PANEL KEY