

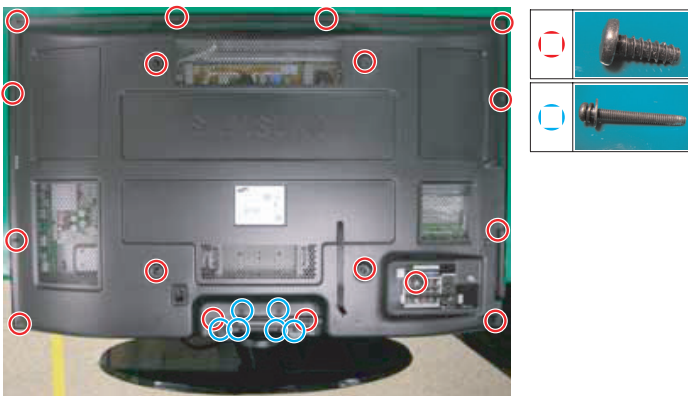
3. Disassembly & Reassembly

3-1 Overall Disassembly & Reassembly

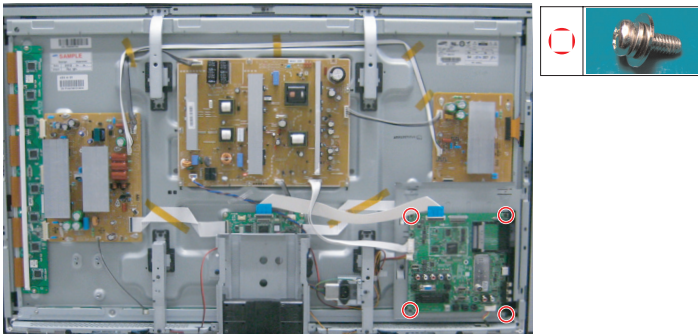
⚠ Notice

- Be sure to separate the power cord before disassembling the unit.
- Discharge the capacitors first when separating PCB's with high capacity capacitors such as SMPS, X Main Board, Y Main Board, etc. (A spark may be generated by the electric charge, and there is danger of electronic shock.)
- Check that the cables are properly connected referring to the circuit diagram when disassembling or assembling the unit taking care not to damage the cables.
- Take care not to scratch the Glass Filter in the front.
- Assemble the boards in the reverse order of the disassembly.
- The plasma must be layed down on a flat padded surface for disassembly and reassembly.



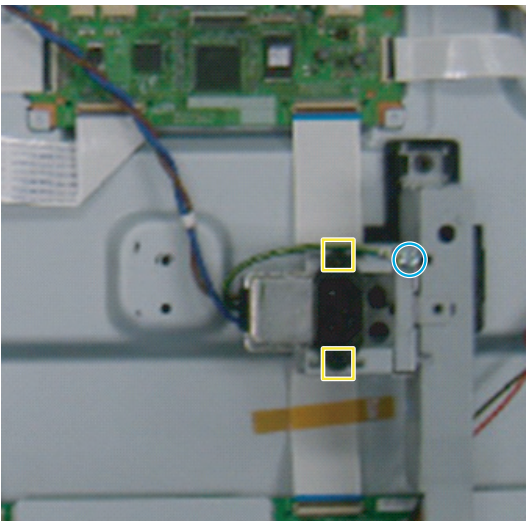


3-1-1 Separation of ASSY COVER P-REAR

Part Name	Description	Description Photo
Cover Rear	<p>① Remove 17 screws. (ⓐ) : BH,+,B,M4,L3,ZPC(BLK)</p> <p>② Remove 6 screws. (ⓑ) : PH,+,WSP,S,M4,L35,ZPC(BLK)</p> <p>③ Remove the rear cover.</p> <p>⚠ : Please lay the PDP unit face down on a soft surface when removing the stand.</p>	




3-1-2 Separation of ASSY PCB MISC-MAIN

Part Name	Description	Description Photo
Main Board	<p>① Detach all connectors from the Main Board.</p> <p>② Remove 4 screws. : PH,+,WWP,M3,L8,NI PLT</p> <p>③ Remove the Main Board.</p>	



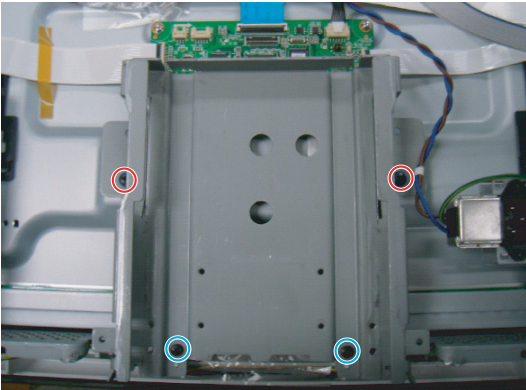


3-1-3 Separation of FILTER-EMI AC LINE

Part Name	Description	Description Photo
FILTER-EMI AC LINE	<ol style="list-style-type: none"> ① Detach connector from SMPS. ② Remove 2 screw. () : PH,+,WWP,M3,L8,NI PLT ③ Remove 1 screws. () : BH,+,S,M4,L10,ZPC(BLK) ④ Separate FILTER-EMI AC LINE from bracket. 	  

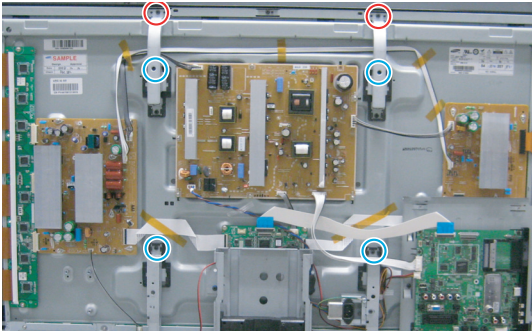


3-1-4 Separation of BRACKET-PCB

Part Name	Description	Description Photo
Bracket PCB	<ol style="list-style-type: none"> ① Remove screw. () : BH,+,B,M4,L3,ZPC(BLK) ② Remove the BRACKET-PCB. 	 

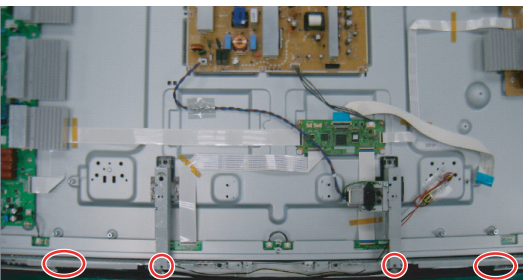

3-1-5 Separation of ASSY BRACKET

Part Name	Description	Description Photo
Bracket	<ol style="list-style-type: none"> ① Remove 2 screws. () : BH,+,PT,S Tite,M4,L10,ZPC(BLK) ② Remove 2 screws. () : BH,+,B,M4,L3,ZPC(BLK) ③ Remove Bracket. 	  

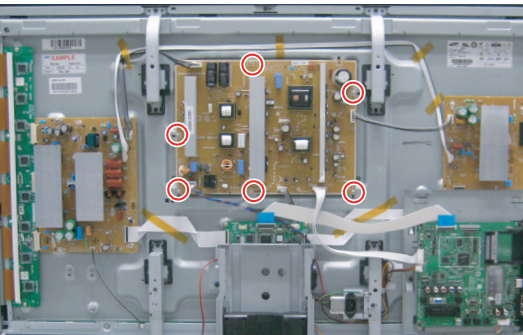

3-1-6 Separation of ASSY BRACKET P-WALL

Part Name	Description	Description Photo
Wall Bracket	<ol style="list-style-type: none"> Remove 2 screws. () : BH,+,B,M4,L3,ZPC(BLK) Remove 4 screws. () : BH,+,S,M4,L10,ZPC(BLK) Remove Wall Bracket. <p>⚠: Please lay the PDP panel face down on a soft surface when separating front cover.</p>	  

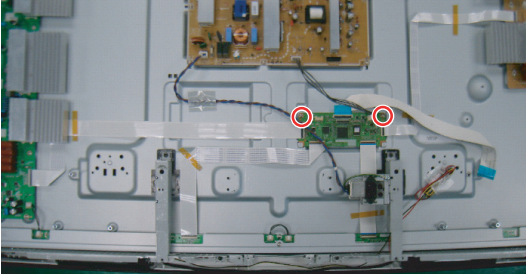

3-1-7 Separation of ASSY SPEAKER P

Part Name	Description	Description Photo
Speaker	<ol style="list-style-type: none"> Remove 4 screws. () : BH,+,WP,B,M4.0,L3,ZPC(BLK), SWRCH18A Remove the Speaker. 	 

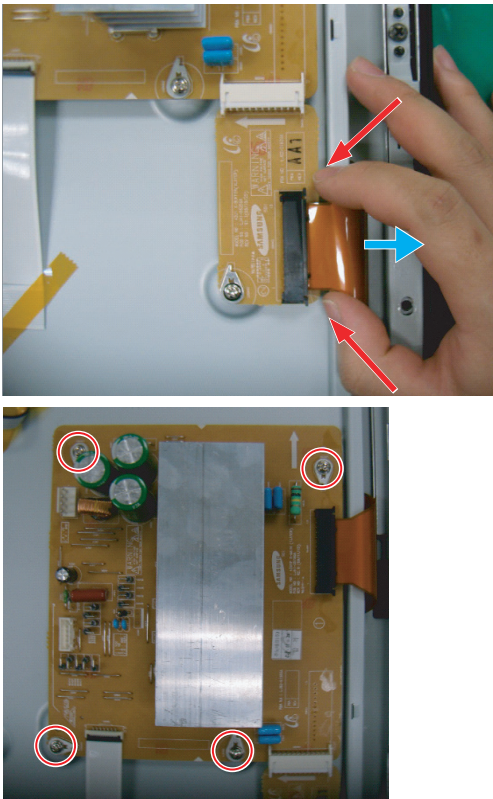
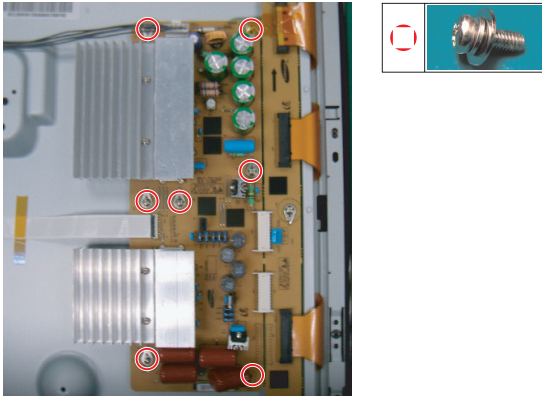
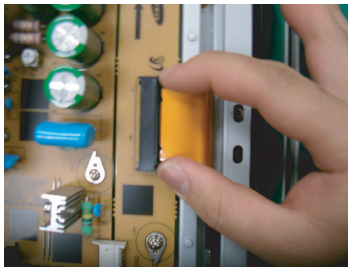
3-1-8 Separation of SMPS-PDP TV

Part Name	Description	Description Photo
SMPS	<ol style="list-style-type: none"> Detach all connectors from the SMPS. Remove 6 screws. : PH,+,WWP,M3,L8,NI PLT Remove the SMPS. <p>⚠: Wear gloves when handling the power board as there may be some remaining electrical charge in the capacitor. Specifically, avoid touching any part of the capacitor.</p>	 

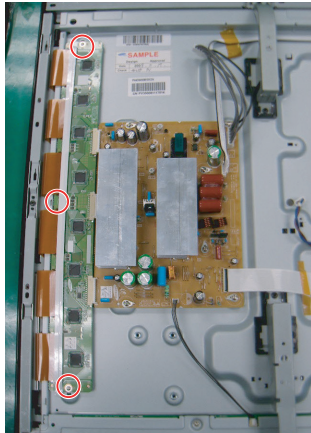



3-1-9 Separation of ASSY PDP MODULE P-LOGIC MAIN BOARD

Part Name	Description	Description Photo
Logic Board	<p>① Detach all connectors from the Logic Main Board.</p> <p>② Remove 2 screws. : WSP,PH,+,M3,L8,NI PLT</p> <p>③ Remove the Logic Main Board.</p>	 

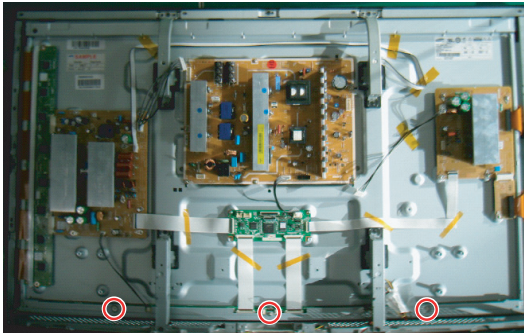

3-1-10 Separation of ASSY PDP MODULE P-X MAIN BOARD

Part Name	Description	Description Photo
Flat cable	<p>① Detach all Connectors from the X Main Board.</p> <p>※ To separate the Flat Cable of the X-Board, press the upper and the lower sides of the connector.</p> <p>⚠ : Pinch the sides, but then push down in the ribbon, it should slide out after that.</p>	
X-Main Board	<p>① Remove 7 screws. : PH,+,WWP,M3,L8,NI PLT</p> <p>② Remove the X-Main Board.</p>	
X-Main Board	<p>① Remove the X-Main Board.</p>	


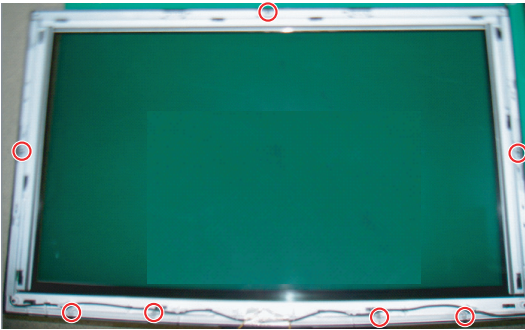

3-1-11 Separation of ASSY PDP MODULE P-Y MAIN BOARD

Part Name	Description	Description Photo
Flat Cable	① Detach the scan board connectors from the panel .	 
Y-Scan Board	① Remove 2 screws. : PH,+,WWP,M3,L8,NI PLT	 

3-1-12 Separation of ASSY PDP MODULE P-ADDRESS BUFFER BOARD

Part Name	Description	Description Photo
Buffer board shield	① Remove 3 screws. : PH,+,WWP,M3,L8,NI PLT ② Remove the still bar. ► Before removing the still bar, you should lift up the panel a little.	 

3-1-13 Separation of ASSY PANEL BRACKETS

Part Name	Description	Description Photo
Panel Brackets	<div>① Remove 7 screws. () : BH,+,B,M4,L3,ZPC(BLK)</div> <div>② Remove the Side Panel Brackets.</div>	<div></div> <div></div>

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