


12. Disassembly & Reassembly

12-1 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 cause a flaw in the Glass Filter in the front.
- Assemble the boards in the reverse order of the disassembly.
- The plasma must be laid down on a flat padded surface for disassembly and reassembly.

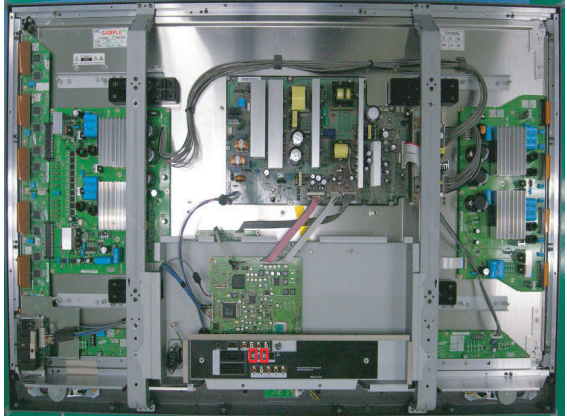
12-1-1 Separation of ASSY STAND P-BASE

Part Name	Description	Description Photo
Stand	<p>① Remove 4 screws. : PH,+,WSP,S,M4,L35,ZPC(BLK)</p> <p>② Pull the ASSY STAND P-BASE down to remove it from the unit.</p> <p>△: Please lay the PDP unit face down on a soft surface when removing the stand.</p>	

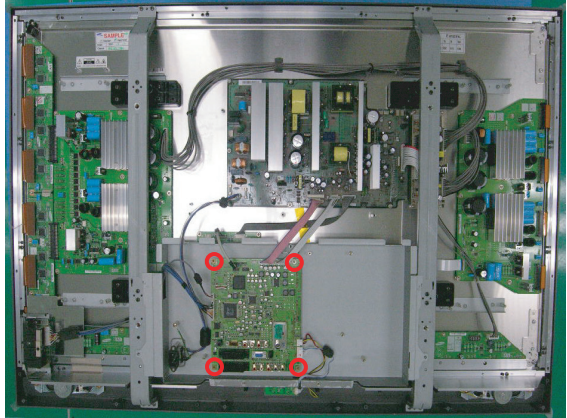
12-1-2 Separation of ASSY COVER P-REAR

Part Name	Description	Description Photo
Cover Rear	<p>① Remove 4 screws.() : M8,L16,ZPC(BLK),SWRCH18A,WP</p> <p>② Remove 14 screws.() : BH,+,B,M4,L12,ZPC(BLK)</p> <p>③ Remove 4 screws.() : BH,+,S,M4,L10,ZPC(BLK)</p> <p>④ Remove the ASSY COVER REAR.</p>	

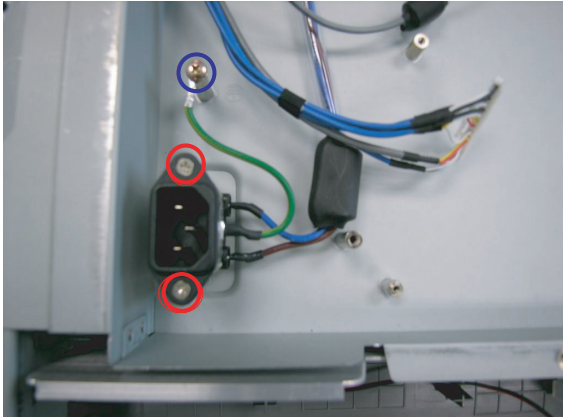
12-1-3 Separation of ASSY BRACKET P-TERMINAL

Part Name	Description	Description Photo
Bracket Terminal	<ol style="list-style-type: none"> ① Remove the 2 Hex nuts for the PC input. : #4-40,L6,NI PLT,C3601,- ② Remove Bracket Terminal. 	

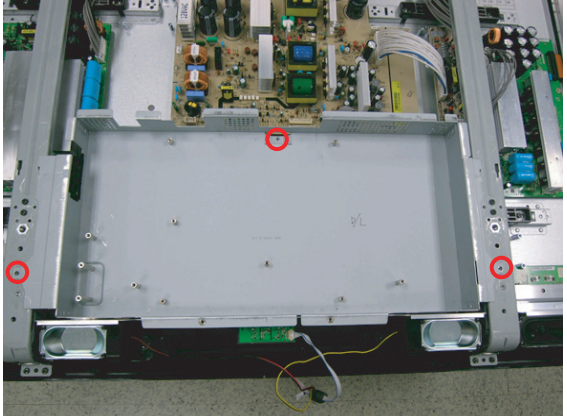
12-1-4 Separation of ASSY PCB MISC-MAIN

Part Name	Description	Description Photo
Main Board	<ol style="list-style-type: none"> ① Detach all connectors from the Main Board. ② Remove 4 screws. : PH,+,WWP,M3,L8,NI PLT ③ Remove the Main Board. 	


12-1-5 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 Main SMPS. ② Remove 2 screws. : PH,+,WWP,M3,L8,NI PLT ③ Remove a screw. : BH,+,S,M4,L10,ZPC(BLK) ④ Remove FILTER-EMI AC LINE. 	

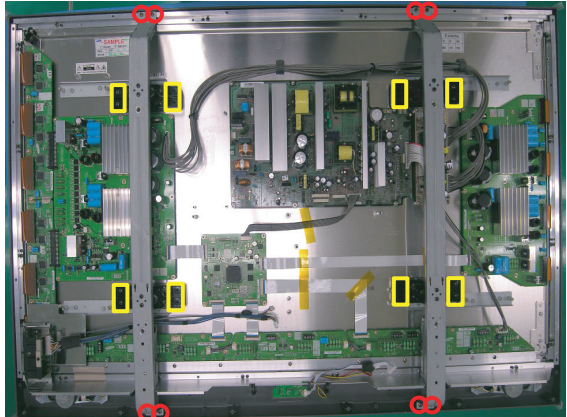
12-1-6 Separation of BRACKET-PCB

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

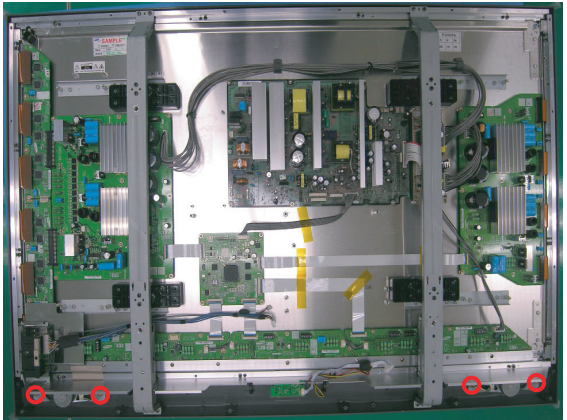
12-1-7 Separation of ASSY BOARD P-SIDE AV

Part Name	Description	Description Photo
Side AV	<ol style="list-style-type: none"> ① Remove 1 screw. : BH,+,S,M4,L10,ZPC(BLK) ② Remove the Side AV assy. 	

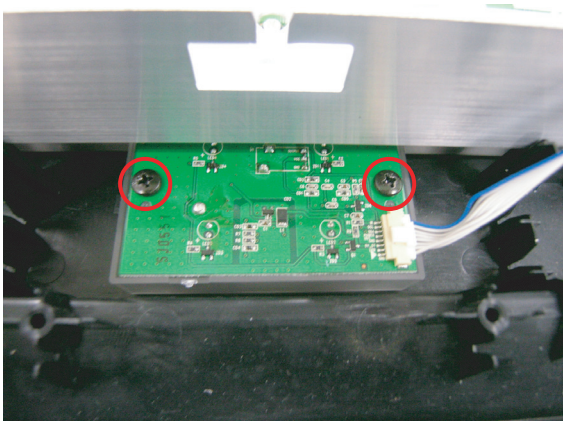
12-1-8 Separation of ASSY BRACKET P-WALL

Part Name	Description	Description Photo
Wall Bracket	<ol style="list-style-type: none"> ① Remove 8 screws. : BH,+,B,M4,L12,ZPC(BLK) ② Remove 16 screws. : BH,+,S,M4,L10,ZPC(BLK) ③ Remove Wall Bracket. <p>⚠: Please lay the PDP panel face down on a soft surface when separating front cover.</p>	

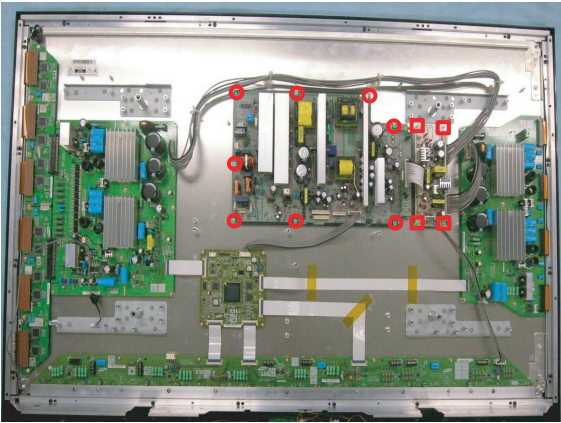
12-1-9 Separation of ASSY SPEAKER P

Part Name	Description	Description Photo
Speaker	① Remove 4 screws. : BH,+,WP,B,M4.0,L12,ZPC(BLK),SWRCH18A,- ② Remove the Speaker.	

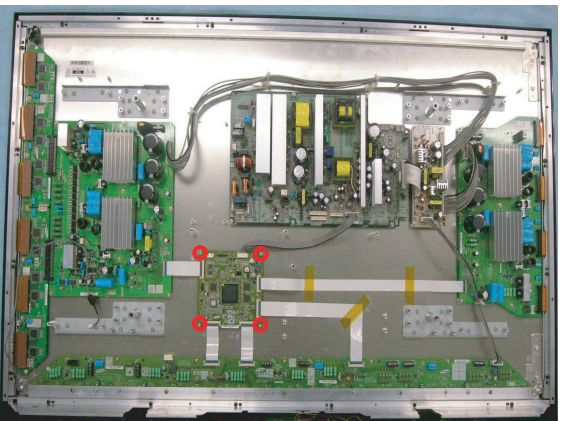
12-1-10 Separation of ASSY BOARD P-POWER&IR

Part Name	Description	Description Photo
Power & IR Board	① Remove 2 screw. : BH,+,-,S,M4,L8,ZPC(BLK) ② Remove the Power & IR Board.	

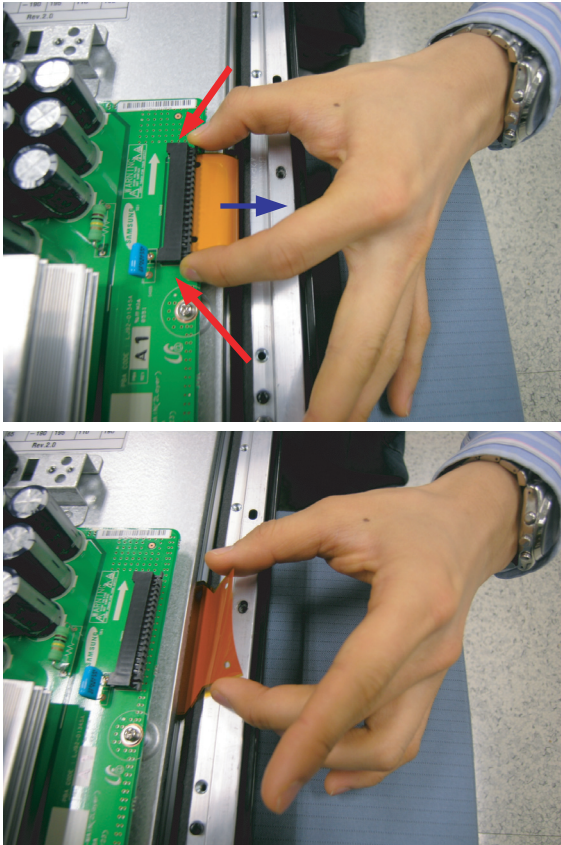
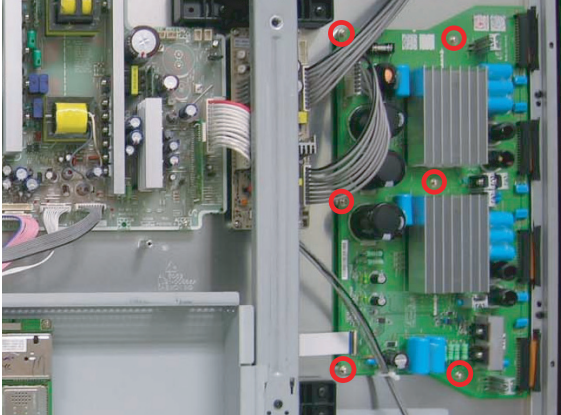
12-1-11 Separation of ASSY PCB P-SMPS & SMPS DC-DC

Part Name	Description	Description Photo
SMPS & SMPS DC-DC Board	<ol style="list-style-type: none"> ① Detach all connectors from the Assy PCB P-SMPS. ② Remove 8 screws. : PH,+,WWP,M3,L8,NI PLT ③ Remove the Assy SMPS PCB. ④ Detach all connectors from the Assy SMPS DC/DC Board. ⑤ Remove 4 screws. : PH,+,WWP,M3,L8,NI PLT ⑥ Remove the SMPS DC/DC Board. <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>	

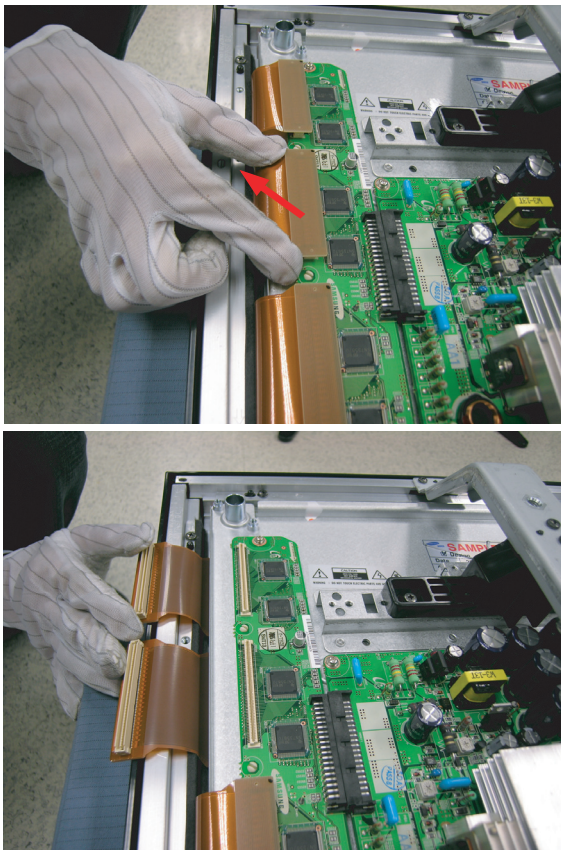
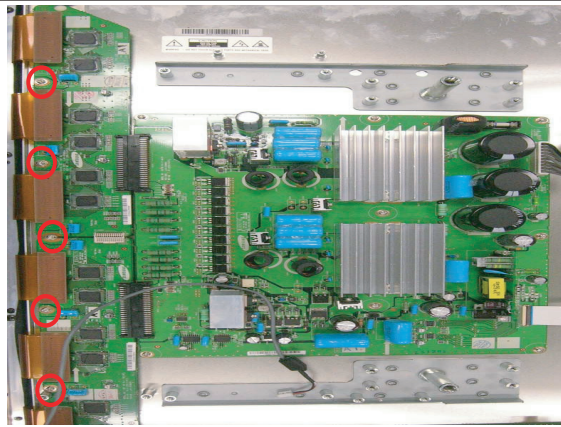
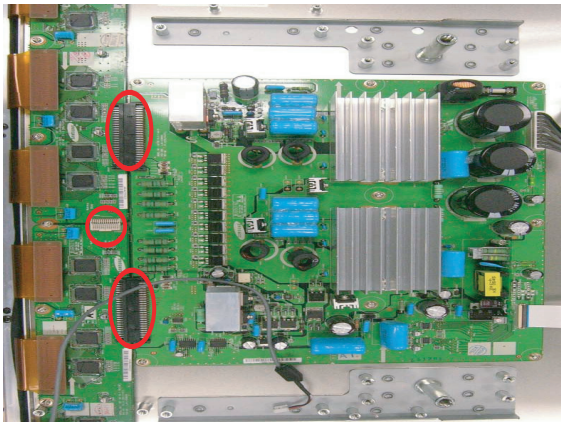
12-1-12 Separation of ASSY PDP MODULE P-LOGIC MAIN BOARD

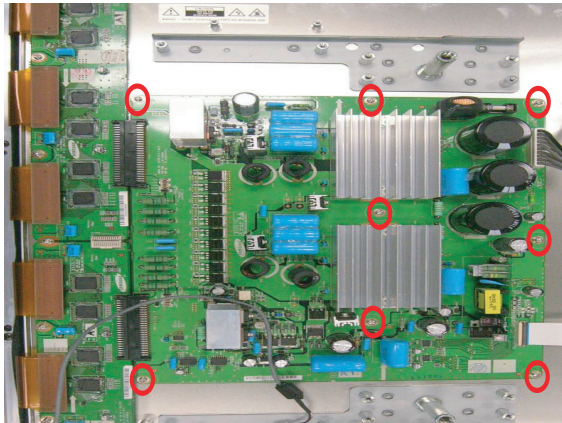
Part Name	Description	Description Photo
Logic Board	<ol style="list-style-type: none"> ① Detach all connectors from the Logic Main Board. ② Remove 4 screws. : WSP,PH,+,M3,L8,NI PLT ③ Remove the Logic Main Board. 	

12-1-13 Separation of ASSY PDP MODULE P-X MAIN BOARD

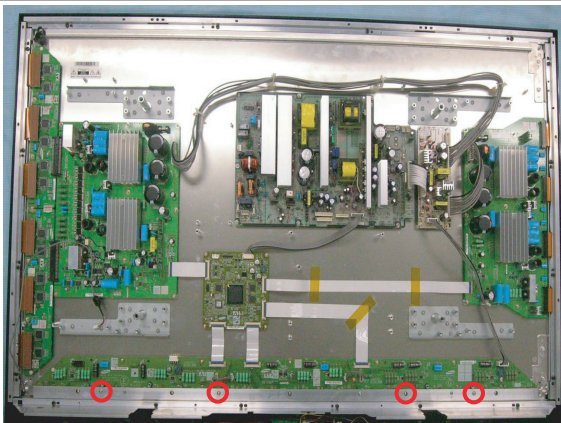
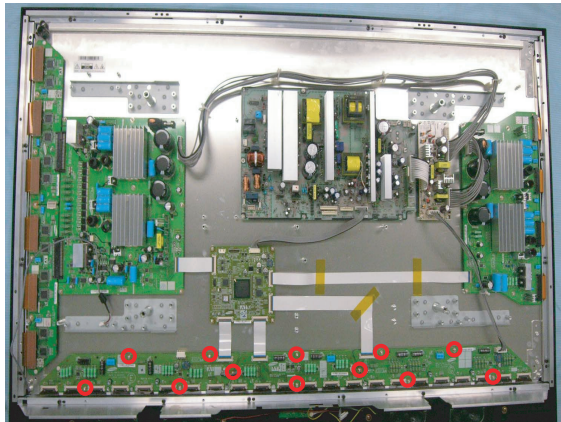
Part Name	Description	Description Photo
Flat Cable	<p>① Detach all Connectors from the X Main Board.</p> <p>※ To separate the Flat Cable of the X-Board, press the upper and the lower sides of the connector.</p>	
X-Main Board	<p>① Detach all Connectors from the X Main Board.</p> <p>② Remove 6 screws. : PH,+,WWP,M3,L8,NI PLT</p> <p>③ Remove the X-Main Board.</p>	

12-1-14 Separation of ASSY PDP MODULE P-Y MAIN BOARD

Part Name	Description	Description Photo
Flat Cable	① Detach the 6 scan board connectors from the panel by pulling the holder from both the top and bottom ends.	
Y-Scan	① Remove 5 screws. : PH,+,WWP,M3,L8,NI PLT	
Connectors	① Separate the scan board from the Y-Main Board by detaching the 3 connectors and remove the Scan Boards.	

Part Name	Description	Description Photo
Y-Main Board	<ul style="list-style-type: none">① Detach all connectors from the Y-Main Board.② Remove 8 screws. : PH,+,WWP,M3,L8,NI PLT③ Remove the Y-Main Board.	

12-1-15 Separation of ASSY PDP MODULE P-ADDRESS BUFFER BOARD

Part Name	Description	Description Photo
Still Bar	① Remove 4 screws. : PH,+,WWP,M3,L8,NI PLT ② Remove the still bar.	
Buffer	① Detach the all connectors from the buffer board. ② Remove 12 screws. : PH,+,WWP,M3,L8,NI PLT ③ Remove the E-Board and F-Board and G-Board.	

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