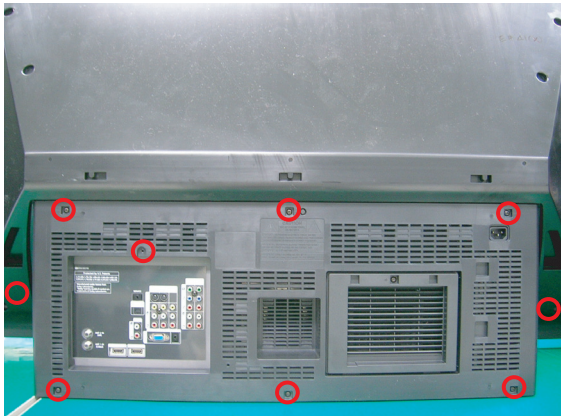
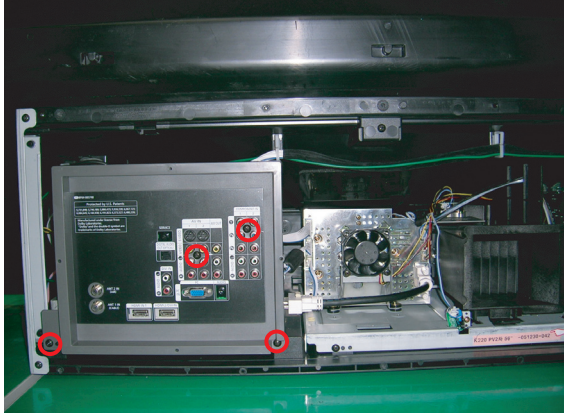
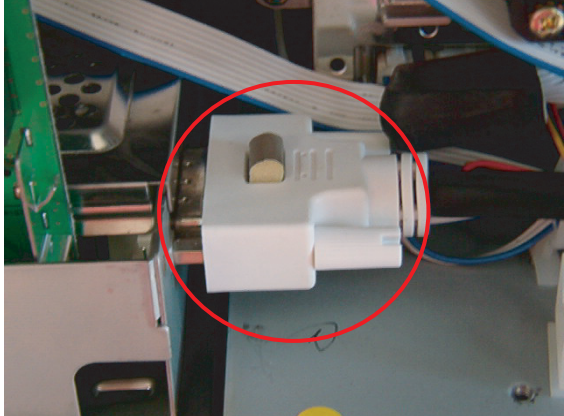
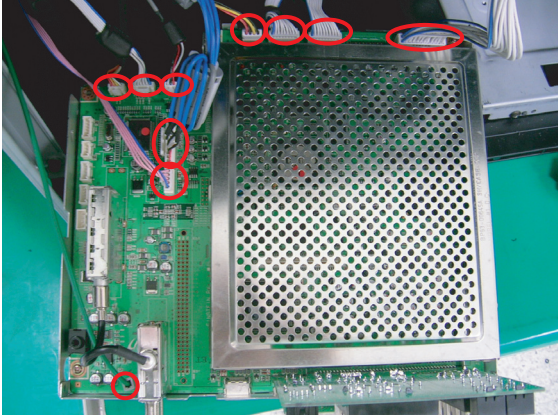


12. Disassembly & Reassembly

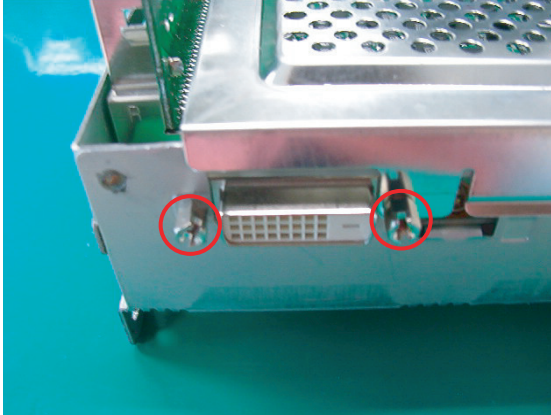
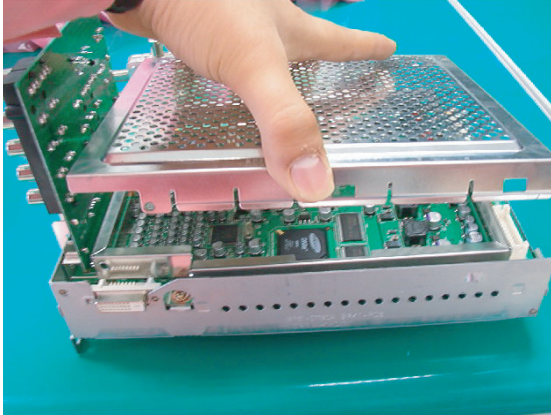
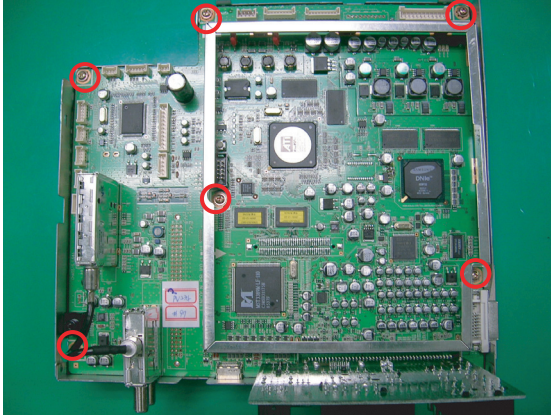
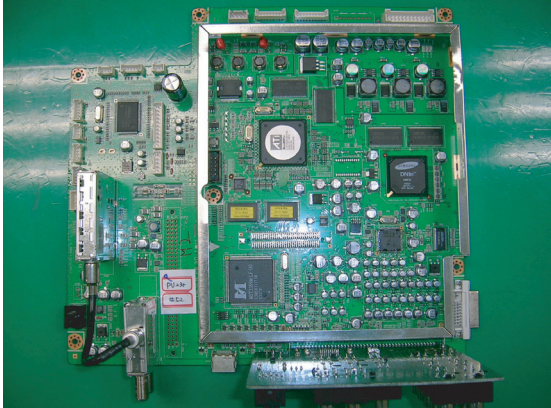
12-1 Overhaul Disassembly & Reassembly

12-1-1 Separation of the back cover and the chassis

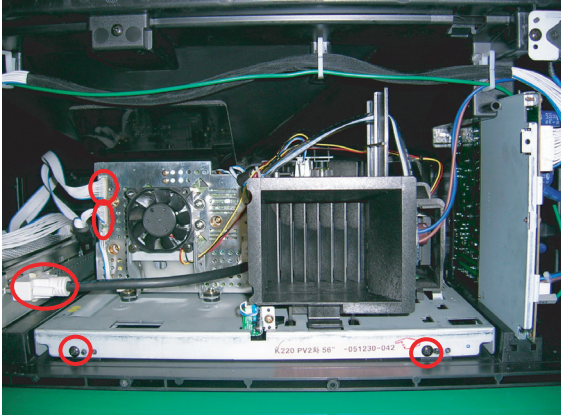
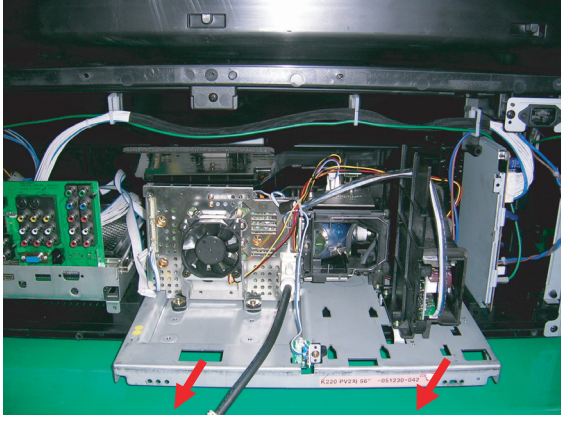
Part Name	Description	Description Photo
Back Cover	<p>① Remove 9 screws to remove the back bottom cover. : TH,B,M4.L15,BLK,SWRCH18A</p>	
Terminal Board	<p>① Loosen and remove the 4 screws on the terminal board and jack.</p> <p>* The 4 Terminal Board Screws. : TH,B,M4.L15,BLK,SWRCH18A</p>	
Holder Chassis	<p>① Separate the DVI cable.</p> <p>⚠ Notice: The DVI screw is made of soft plastic and may easily break when applying excessive force through a screw driver. Ensure that extreme caution is taken when loosening the screw.</p>	

Part Name	Description	Description Photo
Holder Chassis	<ol style="list-style-type: none"> ① Seperate the Gt-wires. ② Seperate 10 cables. 	

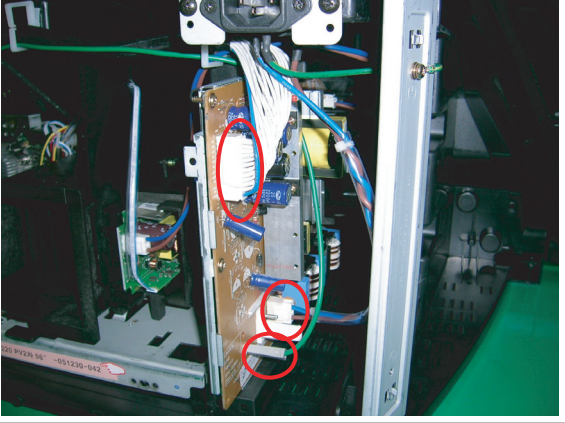
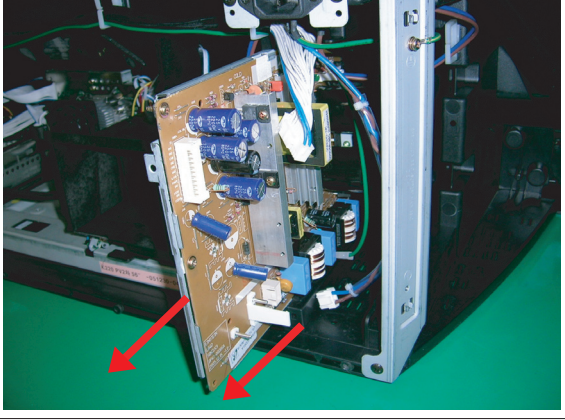
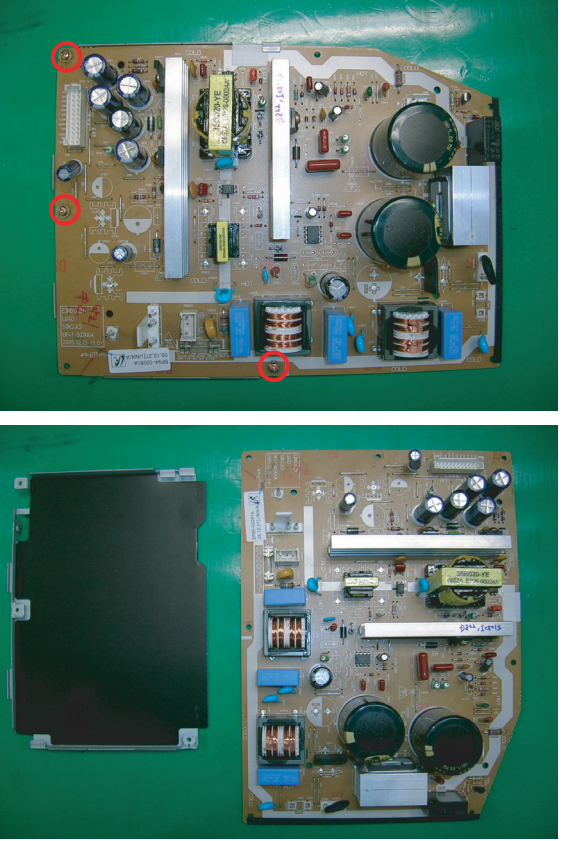
12-1-2 Separation of the Main Board.

Part Name	Description	Description Photo
Main Board	<p>① Remove the 2 standoffs. StandOff : M3,L5,Ni PLT,SUM24L,#4-40</p> <p>⚠ Notice: The standoff may easily break through applying excessive force. Ensure that extreme caution is taken.</p>	
	<p>① Remove the Top Shield Case.</p>	
	<p>① Remove the 6 screws before removing the shield case at the bottom. : PWH,B,M3,L10,ZPC(YEL),SWRCH18A</p>	
	<p>① Main Board.</p>	

12-1-3 Separation of the Optical Engine

Part Name	Description	Description Photo
Optical Engine	<p>① Remove the 3 cables and the 2 screws. : TH,B,M4.L15,BLK,SWRCH18A</p>	
	<p>① Remove the engine by pulling it out of the cabinet.</p> <p>⚠ : Be careful when removing the Light Engine as it may get caught up by the upper cable of the case.</p>	

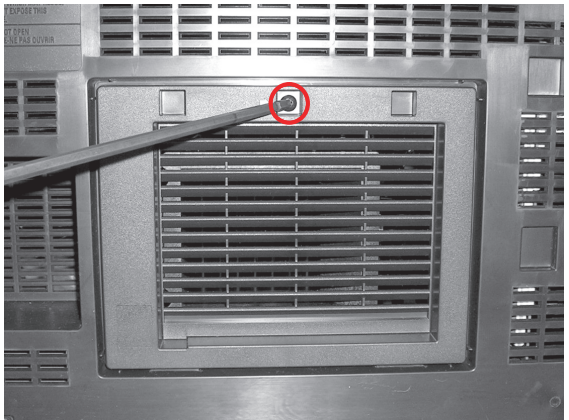
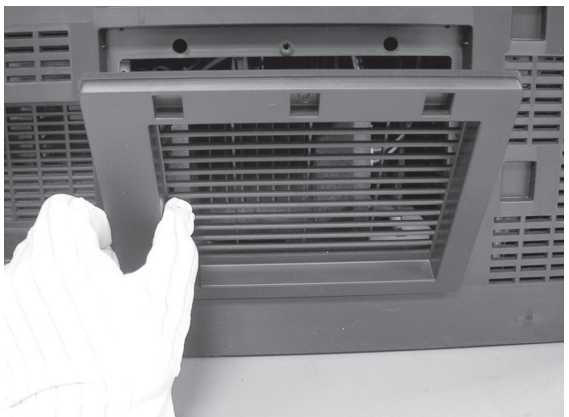
12-1-4 Separation of the Power Board

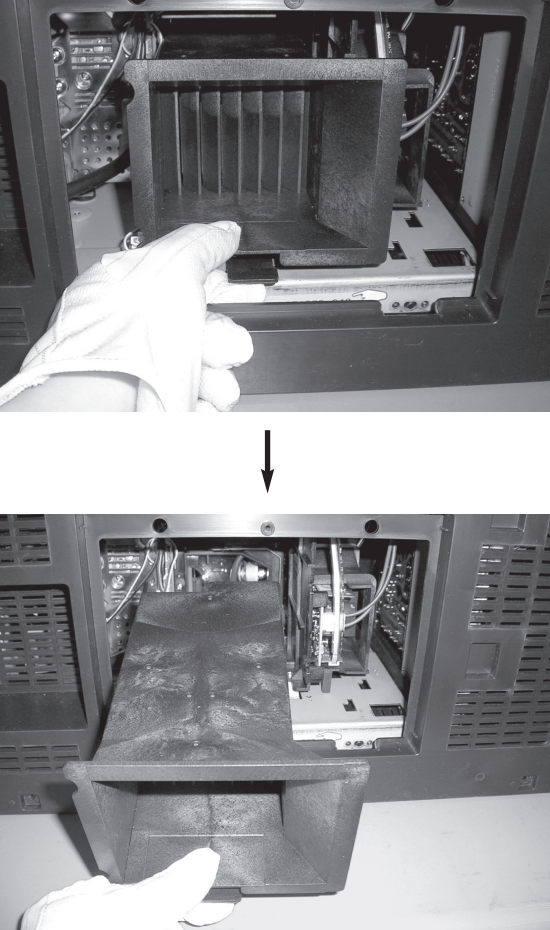
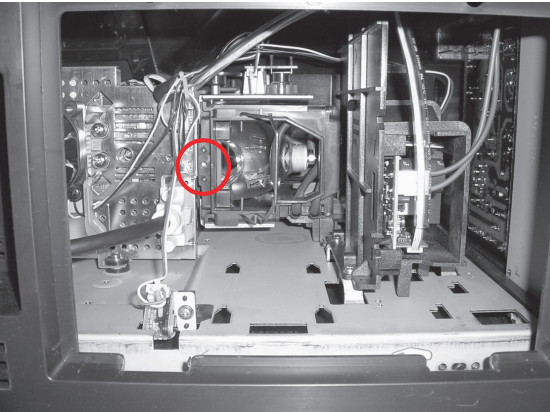
Part Name	Description	Description Photo
Power Board	<p>① Remove the 3 cables at the SMPS.</p>	
	<p>① Pull out the SMPS.</p>	
	<p>① Remove the 3 screws and separate the assy.</p>	

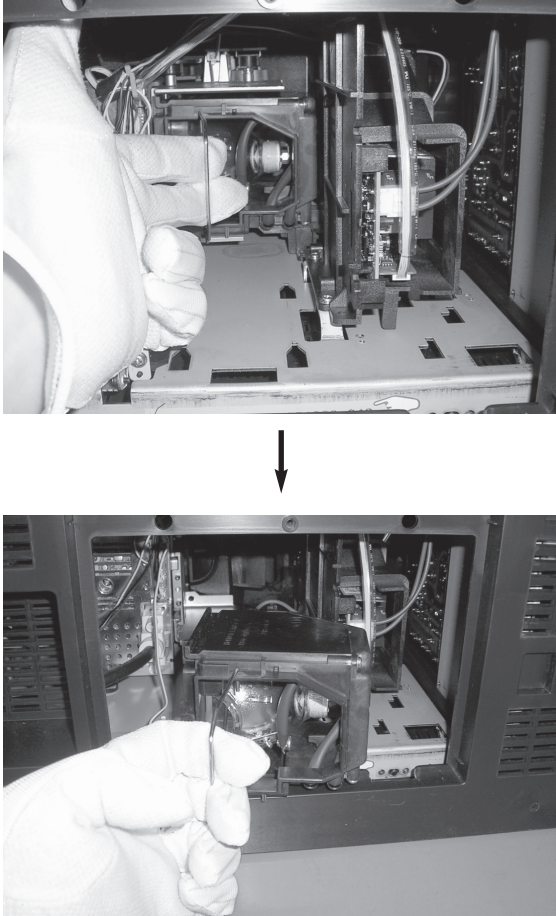
12-1-5 Lamp Replacement

⚠ Notice

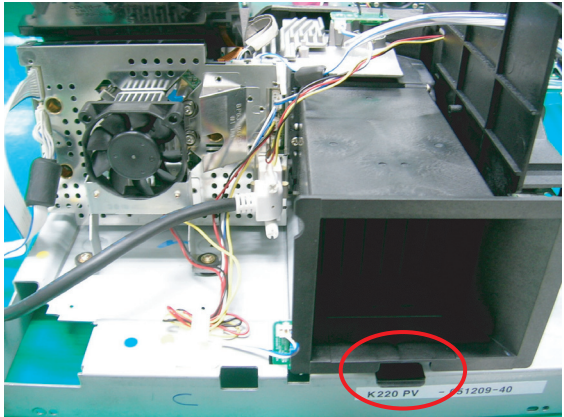
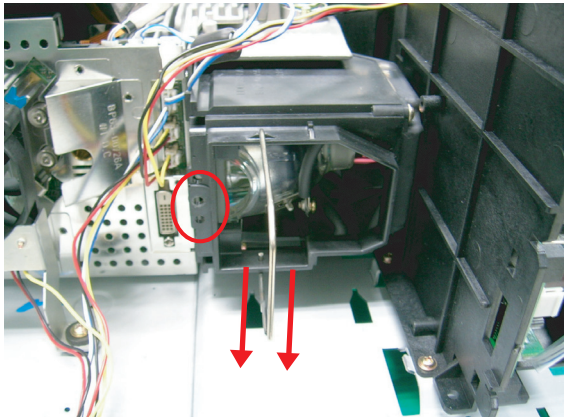
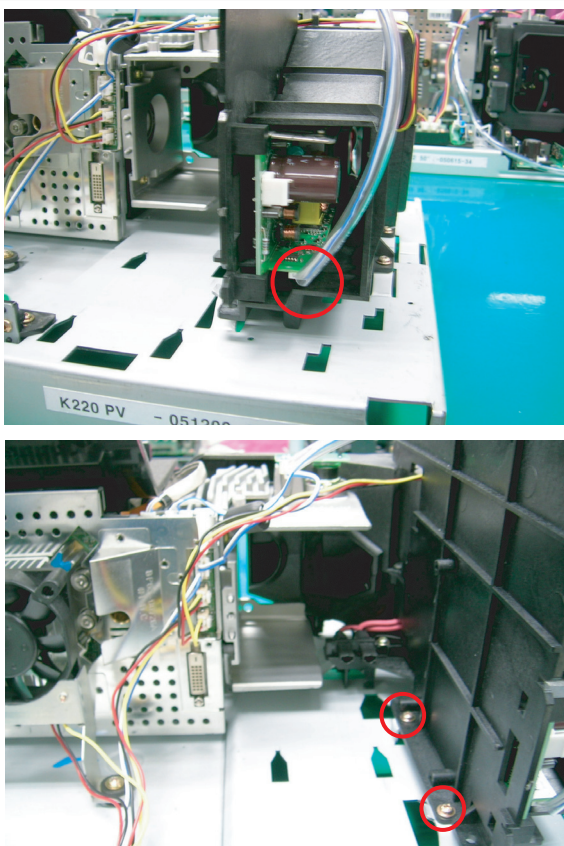
1. Replace with the correct code numbered lamp to avoid damage to the TV.
2. Turn the power off and wait for 30 minutes before replacing the lamp as it will be hot.
3. Do not touch the glass part of the lamp with your bare hands nor insert any foreign object inside the cover as it may cause poor screen quality, electric shock or fire.
4. Do not place the old lamp near flammable objects or within the reach of children.
5. Be sure to connect this TV directly to an AC wall outlet. If the TV's AC plug is connected to a cable box or other source, it will not allow for proper cool down time.

Part Name	Description	Description Photo
Lamp	① Unplug TV, then use a screwdriver to remove the screws.	
	① Remove the Lamp cover.	

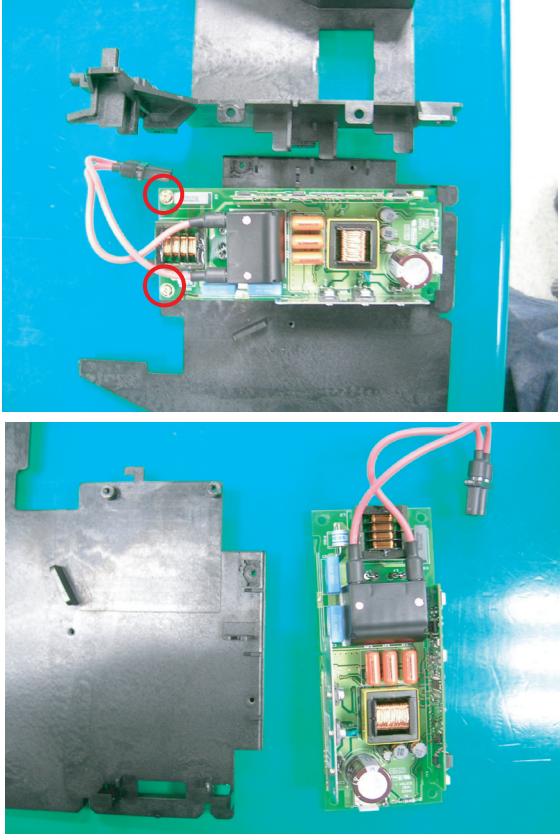
Part Name	Description	Description Photo
Lamp	① Remove the Lamp cover duct holding the word clip and pulling it out.	
	① Remove the screw securing the Lamp by using a screwdriver.	

Part Name	Description	Description Photo
Lamp	① Separate the Lamp from the engine by holding the handle and pulling it out.	

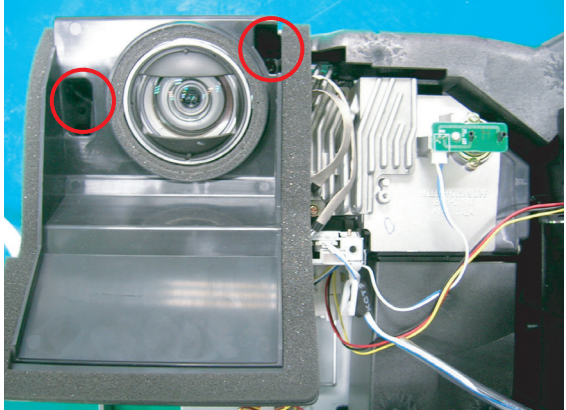
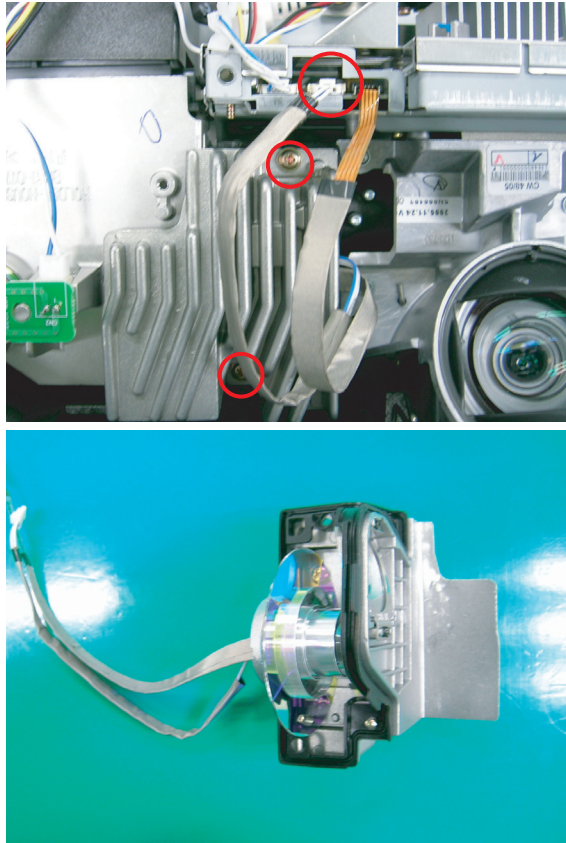
12-1-6 Ballast Replacement

Part Name	Description	Description Photo
Ballast Board	① Remove the lamp cover duct.	
	① Remove 1 screw and pull out the lamp holder.	
	① Remove 1 cable and 4 screws.	

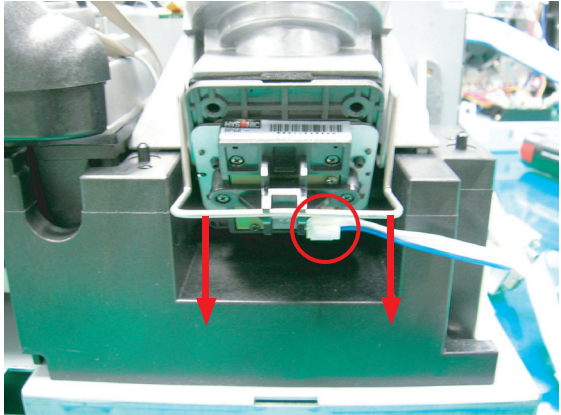
Part Name	Description	Description Photo
Ballast Board		
	<p>① Remove 3 screws and take off the ballast cover.</p>	

Part Name	Description	Description Photo
Ballast Board	① Remove 2 screws and pull out the assy.	

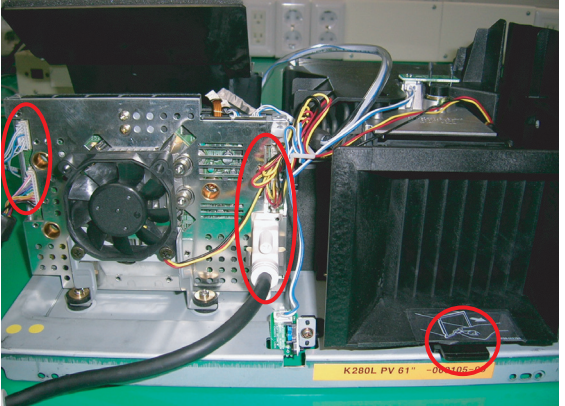
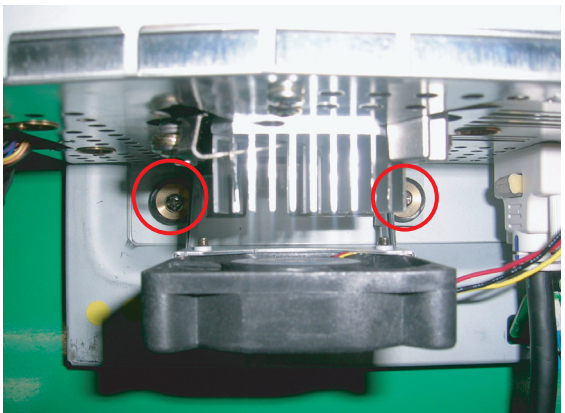
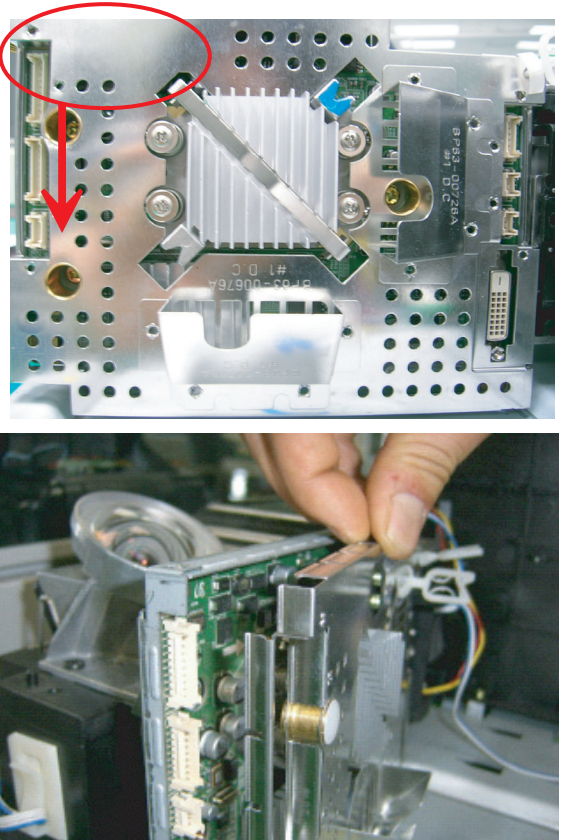
12-1-7 Color Wheel Ass'y Replacement

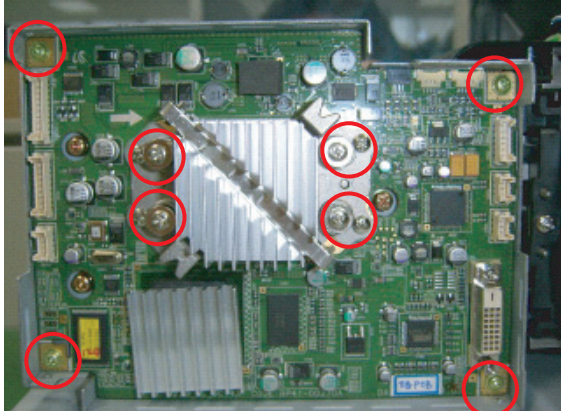
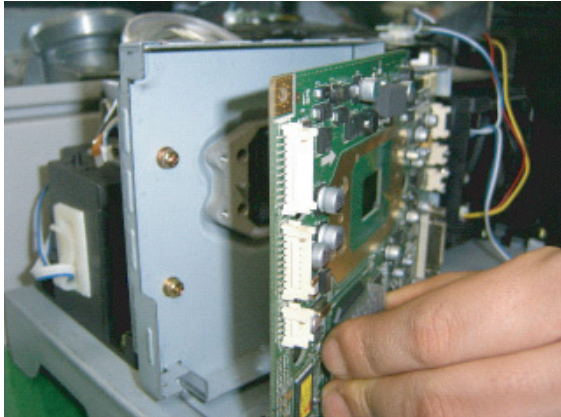
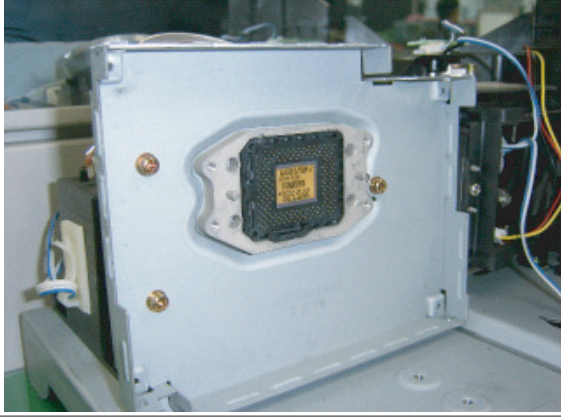
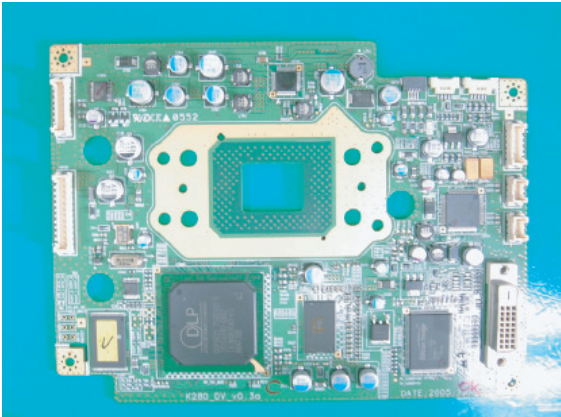
Part Name	Description	Description Photo
Color Wheel	① Remove 2 screws. (L620 doesn't have the cover color wheel.) : WSP,PH,+,M3,L8,ZPC(YEL),SW	
	① Remove 2 cables and 2 screws. And Pull out the color wheel ass'y.	

12-1-8 Actuator(Smooth Picture) Replacement

Part Name	Description	Description Photo
Actuator	① Remove the 1 cable and pull down the lever. Take off the Actuator assy.	

12-1-9 Separation of the DMD Board

Part Name	Description	Description Photo
DMD Board	① Remove the 7 point cables and lamp cover duct.	
	① Remove 2 point screws and take off the DMD FAN.	
	① Just pull is enough.	

Part Name	Description	Description Photo
DMD Board	① Remove 12 screws.	
	① Pull out the DMD board.	
	① Remove the shield case.	 

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