

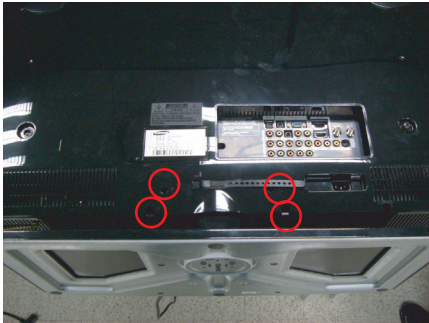
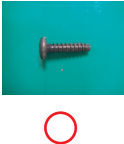
3. Disassembly and Reassemble

This section of the service manual describes the disassembly and reassembly procedures for the LN40A550P3FX LCD TV.

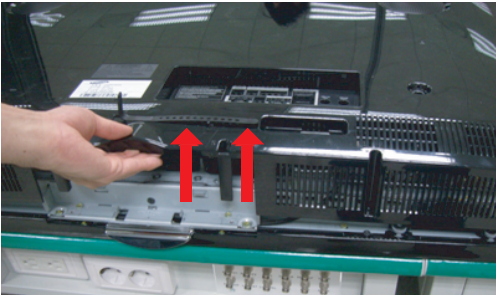
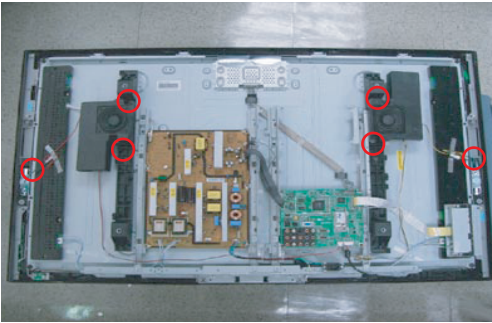
⚠ WARNING: This monitor contains electrostatically sensitive devices. Use caution when handling these components.

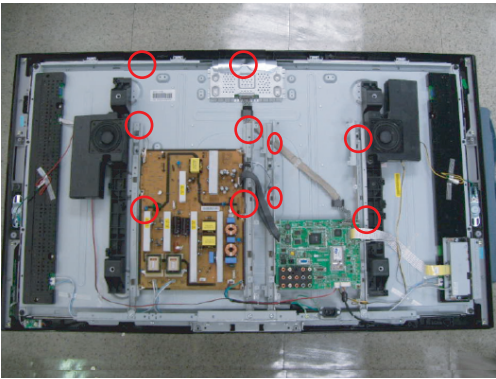
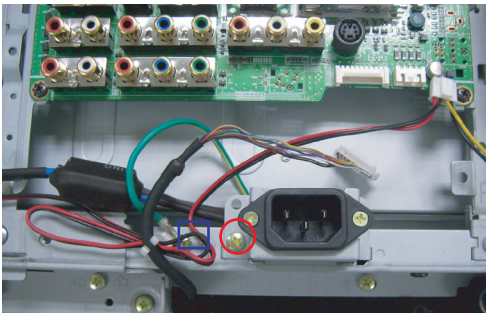
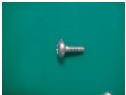
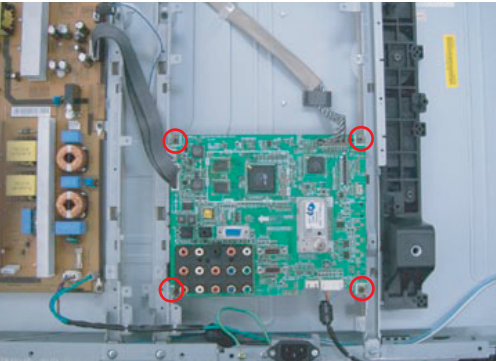
3-1. Disassembly

- ⚠ Cautions:**
- 1. Disconnect the monitor from the power source before disassembly.
 - 2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.

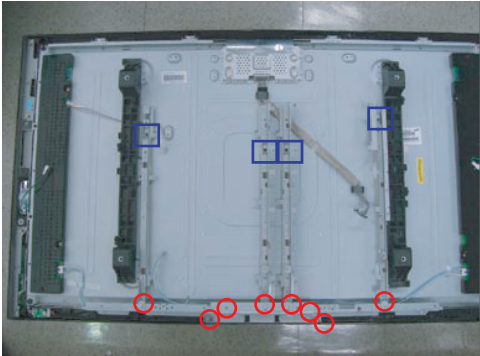
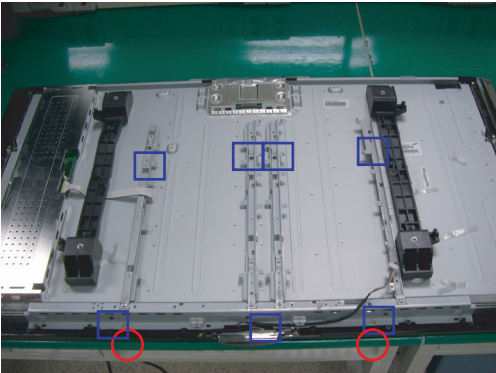
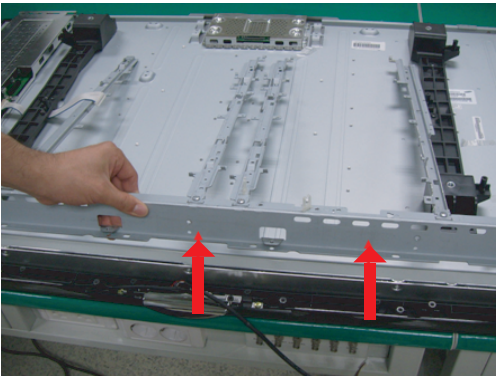
Description	Picture Description	Screws
1. Place monitor face down on cushioned table. Remove 4 screws from the Stand. Remove stand.		
		
		

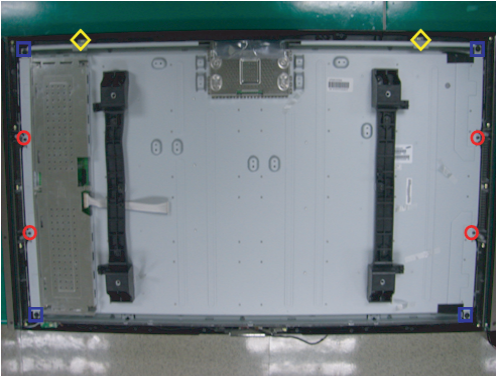
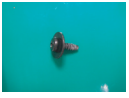
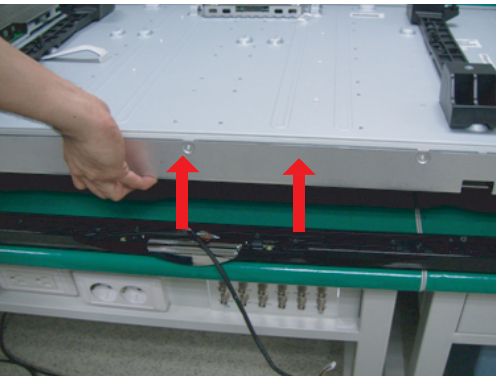
3. Disassembly and Reassemble

Description	Picture Description	Screws
2. Remove the 12 screws of rear-cover. Remove the 4 screws of rear-cover.		 
		 
3. Lift up the rear-cover.		
4. Remove the 4 screws of left woofer and right woofer. Remove the 2 screws of left and right speaker. (Just remove upper screw point - see the picture)		 
		

Description	Picture Description	Screws
5. Remove the 4 screws of main board and 6screws of IP board. Remove the 2 screws of AC inlet and Side HDMI AV Assy.		 
		   
6. Side-AV Assy is include only 46" model. Other model's Main board are on-board type(Not include Side-AV Assy)		
		 

3. Disassembly and Reassemble

Description	Picture Description	Screws
7. Remove the 4 screws of stand BKLT. Remove the 7 screws of panel BKLT.		   
		
8. Lift up the panel's BKLT.		

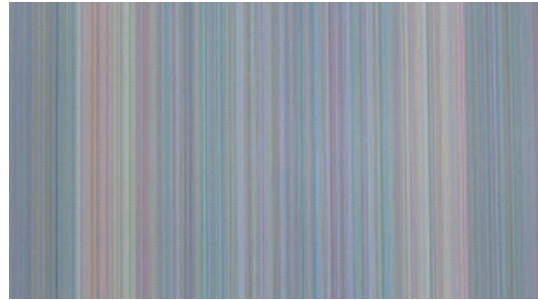
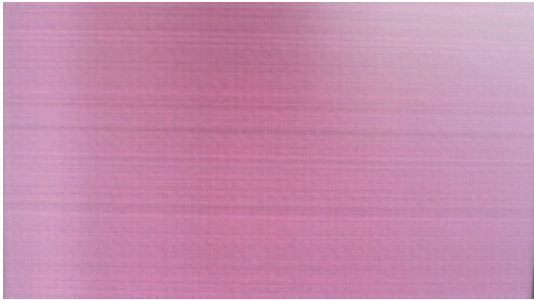
Description	Picture Description	Screws
9. Remove the 12 screws of panel's BKLT and lift up panel.		   
		

※ Reassembly procedures are in the reverse order of disassembly procedures.

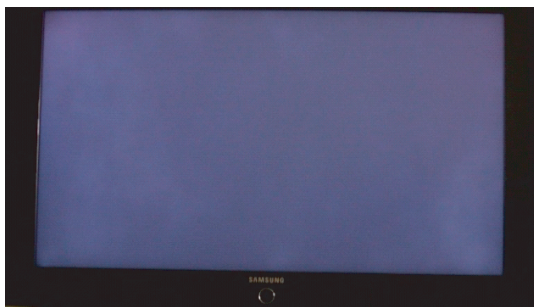
3-2. LCD TV SVC Guide for each symptom

3-2-1 T-Con Board Problem

- Symptom 1 : Abnormal Picture

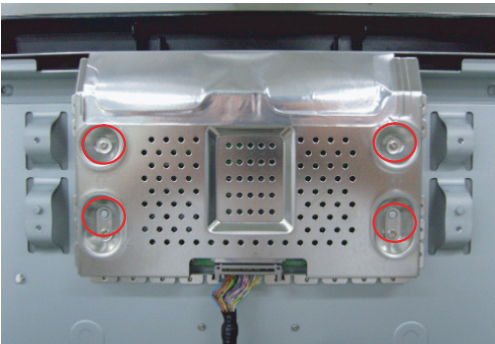
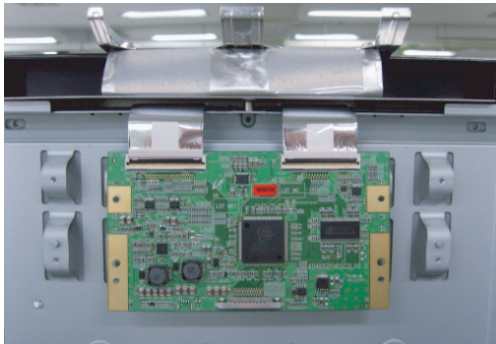
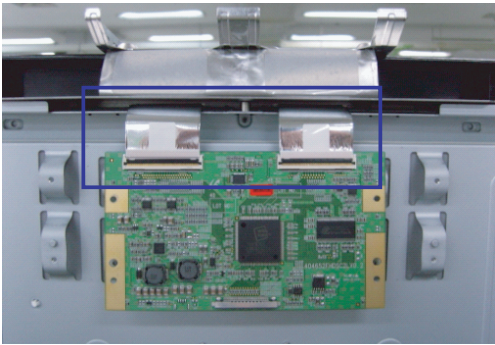
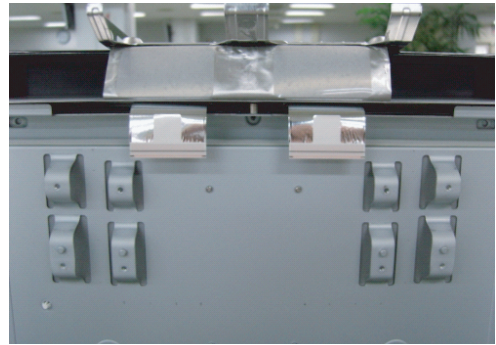


- Symptom 2 : No Picture [No Display but the BLU(Back Light Unit) is on]



It is easy to check if the BLU is on or off.
If you can see the light as above picture when you push the screen, the BLU is on.

- How to replace the T-Con Board

	
1. Remove 4 screws	2. Bend back the shield case and remove the LVDS cable
	
3. Remove 2 Cables from T-Con	4. Replace the defective Board with new one

3-2-2 T-Con Board SVC Parts Code for each Model

From now, it is possible to service T-Con Board regarding some models used the Samsung panel

Excel Sheet "Part Code" : T-Con Board Part Code for each Model

Excel Sheet "SVC Guide" : T-Con Board defect list

Excel Sheet "GSPN" : How to order T-Con Board on GSPN system

Project	Model Code	Side Label	Panel Code	T-Con code	Remark
Bordeaux	LNS3251DX	SG05	BN07-00368A	BN81-01301A	2006 Product
Milano3	LNS4692DX	SP01	BN07-00282A	BN81-01286A	2006 Product
Bordeaux-Plus	LNT3253HX	SP01, SP02	BN07-00385A	BN81-01299A	2007 Product
		SN03, SN04	BN07-00453A	BN81-01298A	2007 Product
		SQ05, SQ06	BN07-00482A	BN81-01300A	2007 Product
	LNT4053HX	SQ01, SQ02	BN07-00387A	BN81-01306A	2007 Product
		SN03, SN04	BN07-00451A	BN81-01325A	2007 Product
		SS05, SS06	BN07-00489A	BN81-01307A	2007 Product
	LNT4066FX	SQ01, SQ02	BN07-00383A	BN81-01305A	2007 Product
		SX05, SX06	BN07-00483A	BN81-01304A	2007 Product
Bordeaux2	LNT325HAX	SH04	BN07-00453A	BN81-01298A	2007 Product
		SQ05, SQ06	BN07-00482A	BN81-01300A	2007 Product
	LNT405HAX	SN03, SN04	BN07-00451A	BN81-01325A	2007 Product
		SQ07, SQ08	BN07-00489A	BN81-01307A	2007 Product
Sonoma2	LNT3232HX	SH05, SH06	BN07-00453A	BN81-01298A	2007 Product
		SQ07, SQ08	BN07-00482A	BN81-01300A	2007 Product
Jasmine	LNT3242HX	SP07, SP08	BN07-00385A	BN81-01299A	2007 Product
		SH10, SH11, SH12	BN07-00453A	BN81-01298A	2007 Product
		SQ14, SQ15, SQ16	BN07-00482A	BN81-01300A	2007 Product
	LNT4042HX	SP01, SP02, SP05	BN07-00387A	BN81-01306A	2007 Product
		SH06, SH07	BN07-00451A	BN81-01325A	2007 Product
		SQ10, SQ11	BN07-00489A	BN81-01307A	2007 Product
	LNT4642HX	SP01, SP03	BN07-00389A	BN81-01319A	2007 Product
		SN04, SN05	BN07-00452A	BN81-01320A	2007 Product
Tulip-Bottom	LNT4061FX	SS03, SS04	BN07-00409A	BN81-01302A	2007 Product
		SX07, SX08	BN07-00485A	BN81-01303A	2007 Product
	LNT4661FX	SS03, SS04	BN07-00410A	BN81-01312A	2007 Product
		SX07, SX08	BN07-00506A	BN81-01308A	2007 Product
Tulip-Side	LNT4065FX	SX05, SX06, SX07, SX08	BN07-00483A	BN81-01304A	2007 Product
	LNT4665FX	SS03, SS04	BN07-00457A	BN81-01315A	2007 Product
		SX05, SX06	BN07-00481A	BN81-01314A	2007 Product
Peony	LNT4071FX	SQ01	BN07-00286A	BN81-01281A	2007 Product
		SS02, SS03	BN07-00475A	BN81-01281A	2007 Product
	LNT4671FX	SQ01	BN07-00441A	BN81-01282A	2007 Product
		SS02, SS03	BN07-00476A	BN81-01282A	2007 Product
	LNT5271FX	SQ01	BN07-00447A	BN81-01284A	2007 Product
		SS02, SS03	BN07-00484A	BN81-01285A	2007 Product
Peony2	LNT4096FX	SQ01, SQ02	BN07-00477A	BN81-01324A	2007 Product
	LNT4696FX	SQ01, SQ02	BN07-00478A	BN81-01283A	2007 Product

Project	Model Code	Side Label	Panel Code	T-Con code	Remark
Bordeaux	LNS2651DX	SG03, SG04	BN07-00367A	BN81-01686A	2006 Product
	LNS2651HDX	SG03	BN07-00367A	BN81-01686A	2006 Product
	LNS2652DX	SG03, SG04	BN07-00367A	BN81-01686A	2006 Product
Firenze	LNS5797DX	SP01	BN07-00196A	BN81-01703A	2006 Product
Rose	LNT4081FX	SN01	BN07-00442A	BN81-01691A	2007 Product
	LNT4681FX	SN01	BN07-00443A	BN81-01695A	2007 Product
	LNT5281FX	SN01	BN07-00444A	BN81-01698A	2007 Product
	LNT5781FX	SQ01	BN07-00450A	BN81-01706A	2007 Product
	LNT7081FX	SQ01	BN07-00356A	BN81-01704A	2007 Product
Tulip	LNT5265FX	SS03, SS05	BN07-00466A	BN81-01699A	2007 Product
Jade	LN40A330J1D	SQ01	BN07-00523A	BN81-01692A	2008 Product
Coral	LN32A450C1D	SQ01	BN07-00453A	BN81-01688A	2008 Product
		SS02	BN07-00482A	BN81-01692A	2008 Product
	LN32A450C1H	SQ01	BN07-00521A	BN81-01688A	2008 Product
	LN40A450C1H	SQ01	BN07-00523A	BN81-01692A	2008 Product
Pearl	LN32A550P1F	SQ01	BN07-00520A	BN81-01689A	2008 Product
	LN32A550P3F	SQ01	BN07-00520A	BN81-01689A	2008 Product
	LN40A530P1F	SQ01	BN07-00525A	BN81-01693A	2008 Product
	LN40A550P3F	SQ01, SQ02	BN07-00525A	BN81-01693A	2008 Product
	LN40A550P1F	SQ01	BN07-00525A	BN81-01693A	2008 Product
	LN46A530P1F	SQ01	BN07-00518A	BN81-01696A	2008 Product
	LN46A550P1F	SQ01	BN07-00518A	BN81-01696A	2008 Product
	LN46A550P3F	SQ01	BN07-00518A	BN81-01696A	2008 Product
	LN52A530P1F	SQ01	BN07-00522A	BN81-01701A	2008 Product
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Amber	LN32A650A1F	SQ01	BN07-00537A	BN81-01690A	2008 Product
	LN40A650A1F	SQ01	BN07-00529A	BN81-01694A	2008 Product
	LN46A650A1F	SQ01	BN07-00530A	BN81-01697A	2008 Product
	LN52A650A1F	SQ01	BN07-00531A	BN81-01702A	2008 Product
Ruby	LN40A750R1F	SQ01	BN07-00529A	BN81-01694A	2008 Product
	LN46A750R1F	SQ01	BN07-00530A	BN81-01697A	2008 Product
	LN52A750R1F	SQ01	BN07-00531A	BN81-01702A	2008 Product