

Preview of the LG Troubleshooting Guide

PDP TV Visual Troubleshooting Guide book

Version 1.0



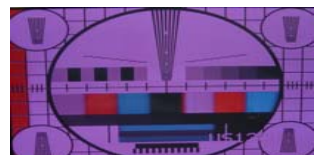
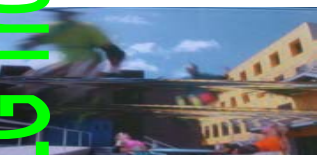
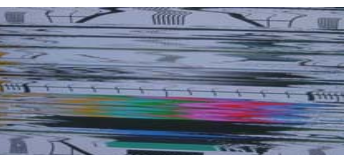
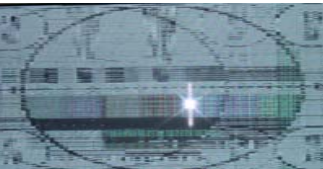
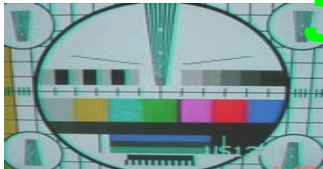
**Service Academy Part
Customer Service Operation**



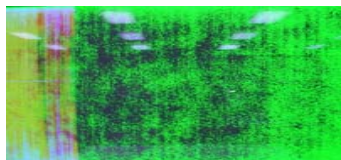
21.Apr.2006

PDP Visual Troubleshooting Index

Preview of the LG Troubleshooting Guide

 No Power LED Off [p.1]	 No Raster LED Green → Red [p.2]	 Color ADD BAR [p.3]	 Black ADD BAR (2~3cm) [p.4]	 Black ADD BAR (2~3cm) [p.4]
 Lots of ADD BAR [p.5]	 Lots of ADD BAR [p.5]	 Color ADD BAR [p.6]	 Black ADD BAR [p.7]	 Reddish [p.8]
 Missing Specific Color [p.9]	 Missing Specific Color [p.9]	 Screen Distortion [p.10]	 Screen Distortion [p.10]	 Mosaic [p.8]
 Screen Distortion [p.12]	 Screen Smear [p.12]	 Flicker [p.14]	 Flicker [p.15]	 Many BAR Same distance [p.16]

PDP Visual Troubleshooting Index



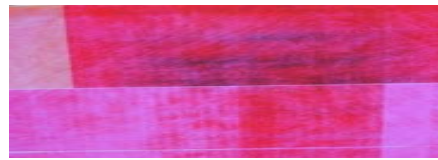
Flicker

[p.18]



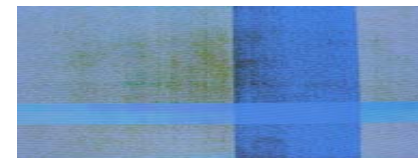
Flicker

[p.18]



Flicker

[p.19]



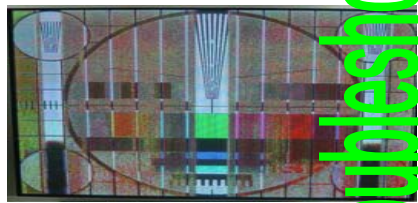
Flicker

[p.20]



Curtain Bar [No Signal]

[P.21]



Curtain Bar [Signal]

[P.21]



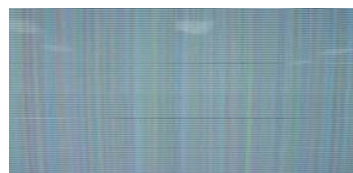
Horizontal Bar [No Signal]

[P.22]



Horizontal Bar [Signal]

[P.22]



Many BAR Same distance

[P.17]



Dark Screen & Mal discharge

[P.23]



Dark Screen & Mal discharge

[P.24]



Dark Screen & Mal discharge

[P.24]



No Raster

[P.13]

Preview of the LG Troubleshooting Guide

No Power



No Power
(LED OFF in ST-BY Mode)

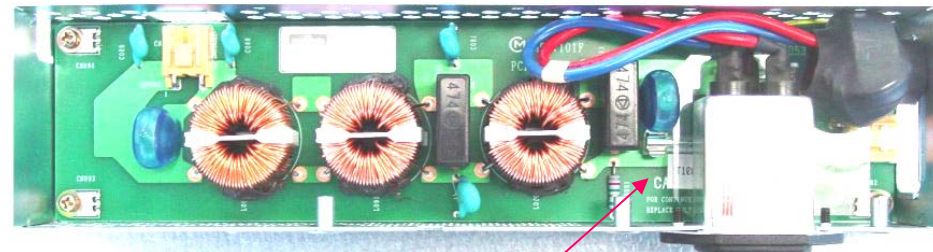
Check the Power Supplying status and Main Power S/W ON

Check EMI Board Fuse

Fuse should be 15A

Check

PSU



Fuse 15 A

Black ADD Bar

Check

Module

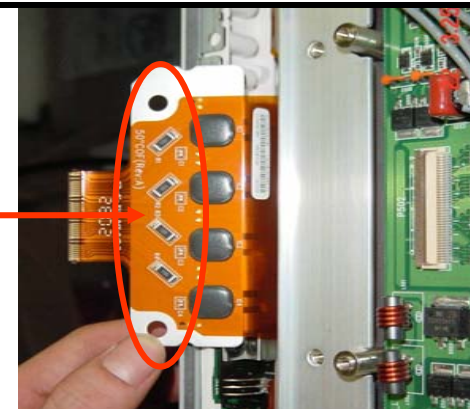


Black ADD BAR width 2 ~ 3 cm



Black ADD BAR width 2 ~ 3 cm

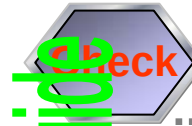
- **Applicable Model** : ALL
- **Main Check** : Check 10 Ω register in front of COF IC
- **Symptom** : Black ADD BAR width 2~3 cm
- **Remedy** : Replace Module



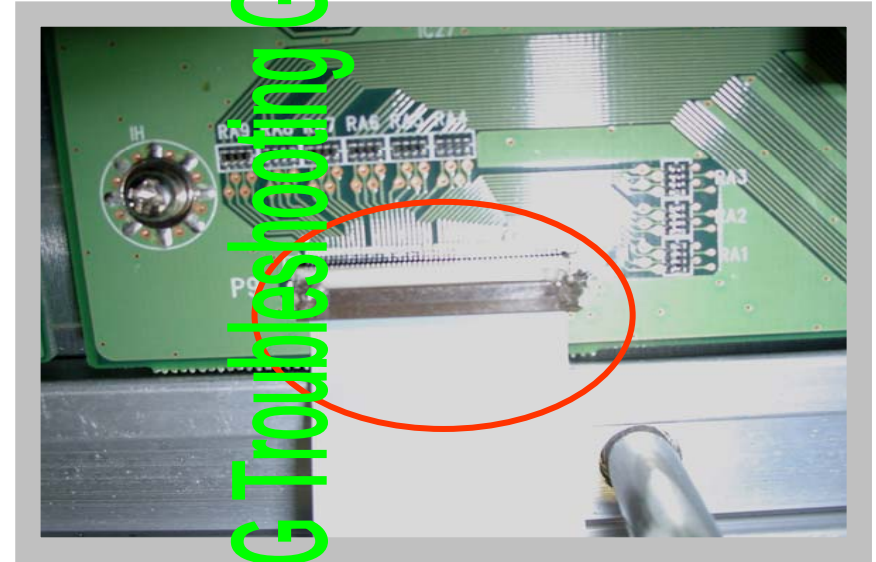
Color ADD Bar



Color ADD Bar



Film Connector



Check the Film Connector between X-B/D and Control B/D

- **Applicable Model** : ALL
- **Main Check** : Check Film connector between X-B/D and Control B/D
- **Symptom** : ADD Bar width 5~6 cm(specific color, magenta, cyan, yellow)
- **Remedy** : Replace Film Connector

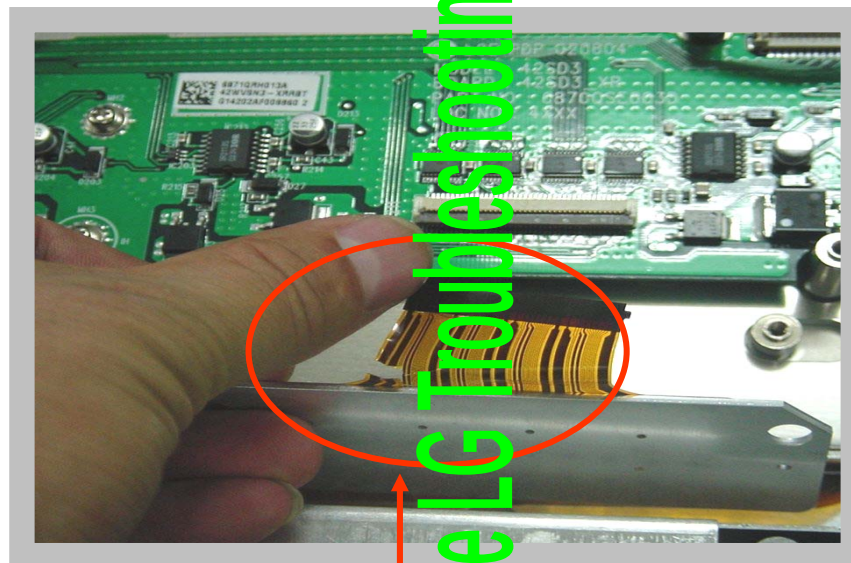
Black ADD Bar

Check

Module



Black ADD BAR



Check the film connector between X-Board and Control Board

Broken Film

- **Applicable Model** : ALL
- **Main Check** : Check Film connector between X-B/D and Control B/D
- **Symptom** : Black ADD Bar
- **Remedy** : Replace Module

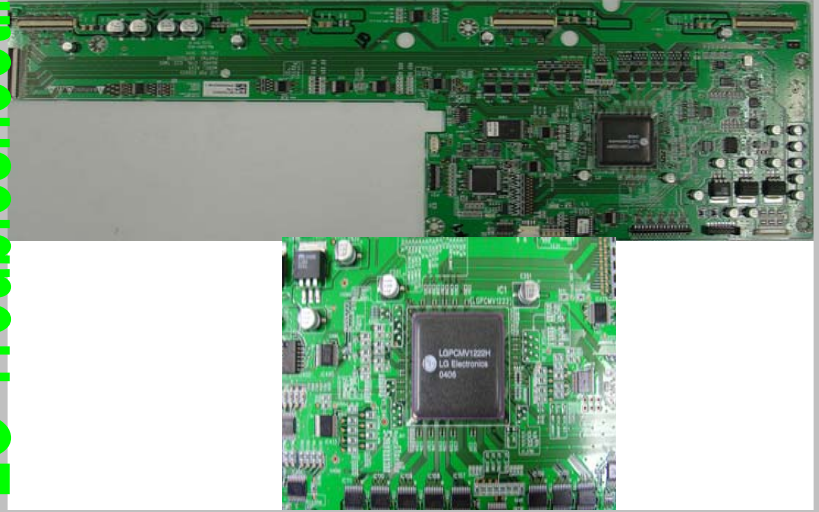
Flicker

Check

Module Control B/D



Flicker



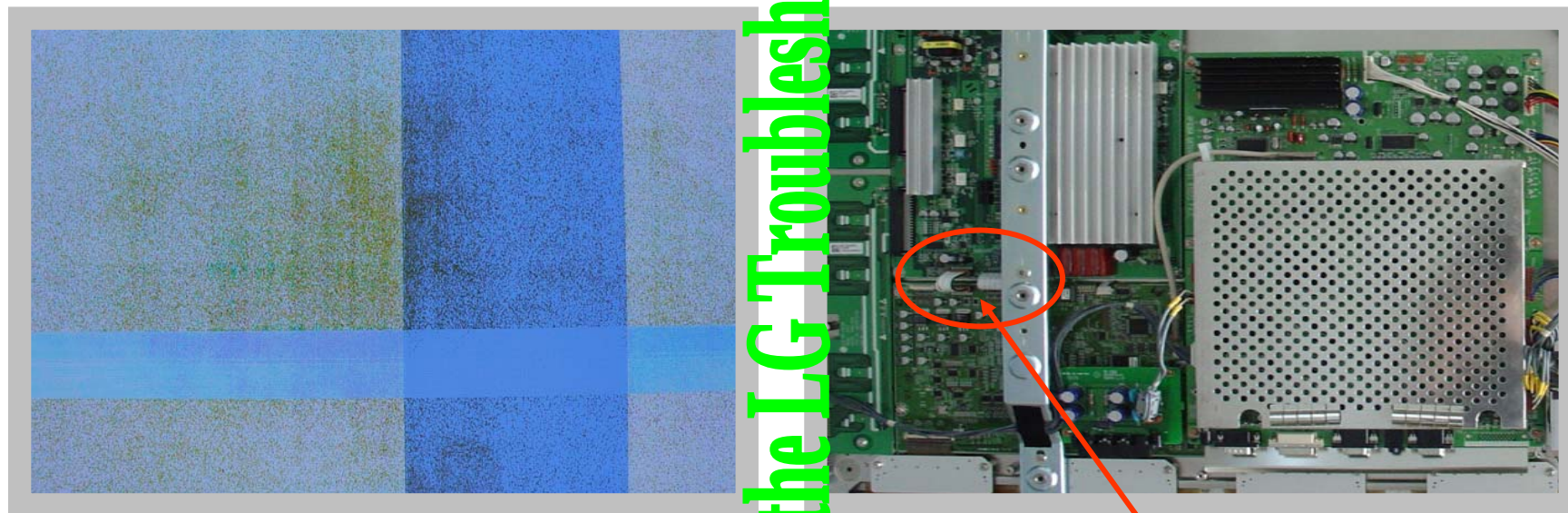
Module Control Board

- **Applicable Model** : M(X)-42PZ90
- **Main Check** : Check the Control B/D and Micom Version
- **Symptom** : Flicker
- **Remedy** : Replace the Module control B/D

Flicker

Check

Y-B/D



Flicker

Check 15V LINE B+ Voltage

- **Applicable Model** : M(X)-42PZ90
- **Main Check** : Check the 15V Line falls to (8~9V) supplied to the module control B/D
- **Symptom** : No picture with Mal discharge
- **Remedy** : Replace the Y-B/D & Z-B/D

Dark Screen & Mal Discharge



Dark Screen and Mal discharge



Poor connection of Connector Z-B/D and X-B/D

- **Applicable Model** : **M(X)-42PZ90**
- **Main Check** : **Check the Cable or B+ port of Z-B/D**
- **Symptom** : **Dark Screen and Heavy Noise**
- **Remedy** : **Check the Z-B/D and Cable**

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