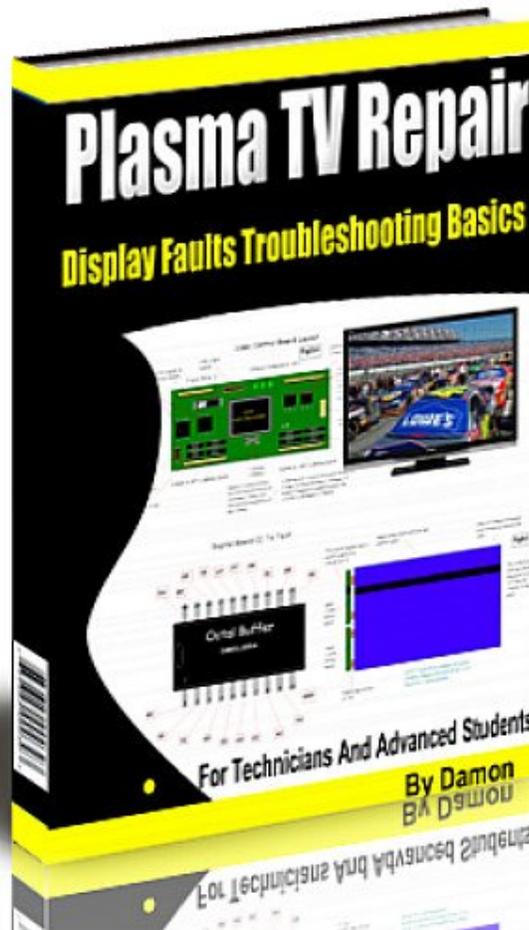


Preview Of The Ebook

Plasma TV Repair



Brought to you by Damon

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Dedication

This Ebook is dedicated to: Jestine Yong, David Maltz, Teonna Flags, and Michael Danish. I would like to give special thanks to Jestine for being a great teacher to me and a great friend and always inspiring me to study harder to become an Engineer of electronics. Also special thanks to David for being my big brother and keeping my spirits up and always encouraging me to stay fit and healthy and to go further and to never give up. Thank you ☺

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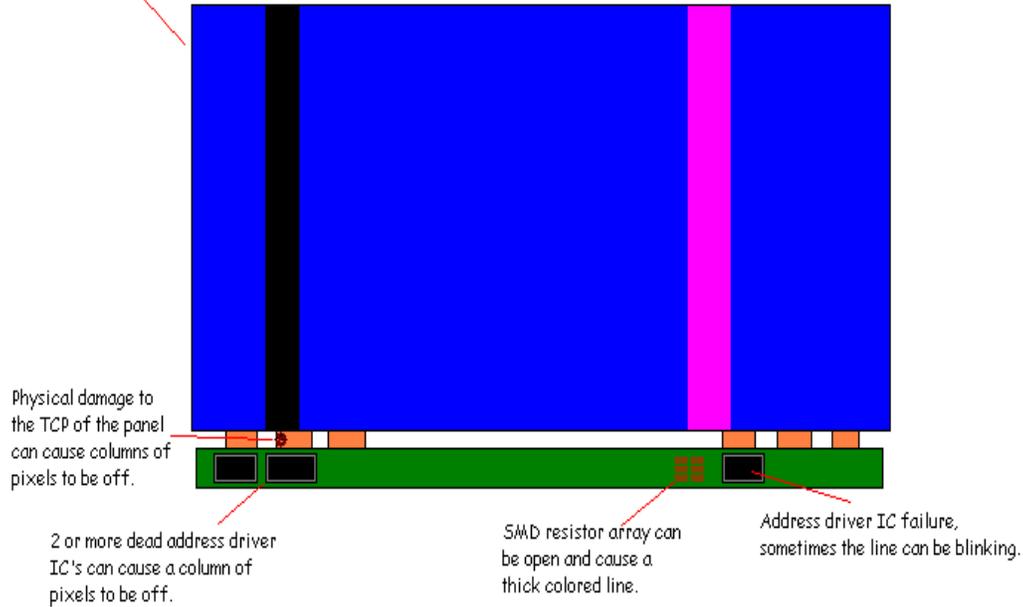
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Vertical Address Faults

Fig7AB

Plasma panel shown with blue test pattern raster.

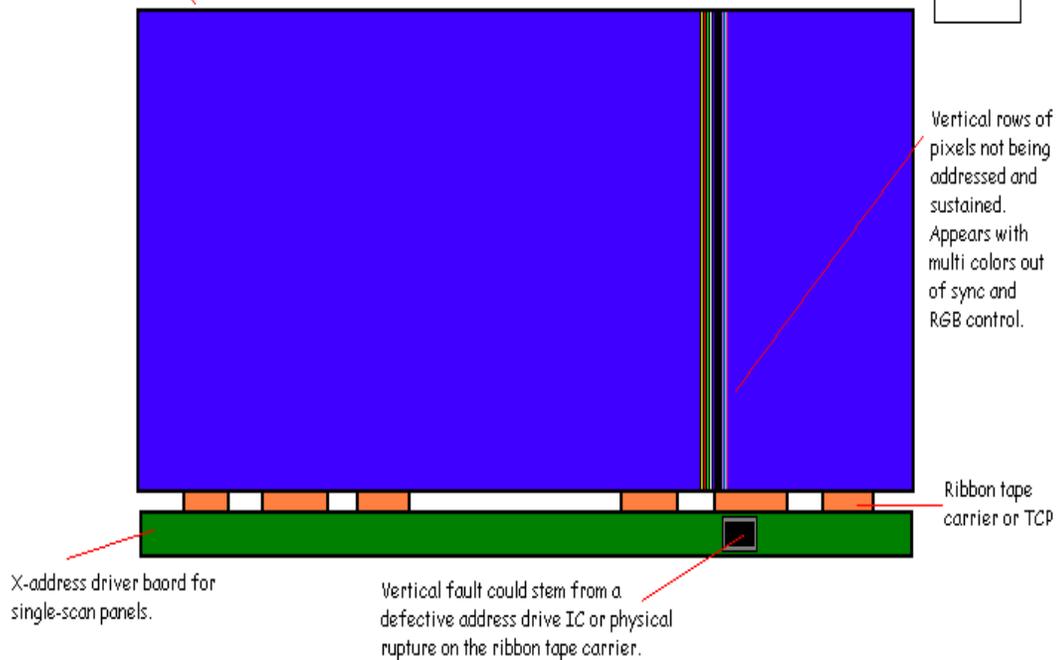


Plasma panel shown with blue test pattern raster.

NOTE: Multiple vertical line failure can also be a connection problem between the Logic Control Board and X-Address board

Typical single-scan panel address fault where vertical errors reach from top to bottom of the panel.

Fig7AC

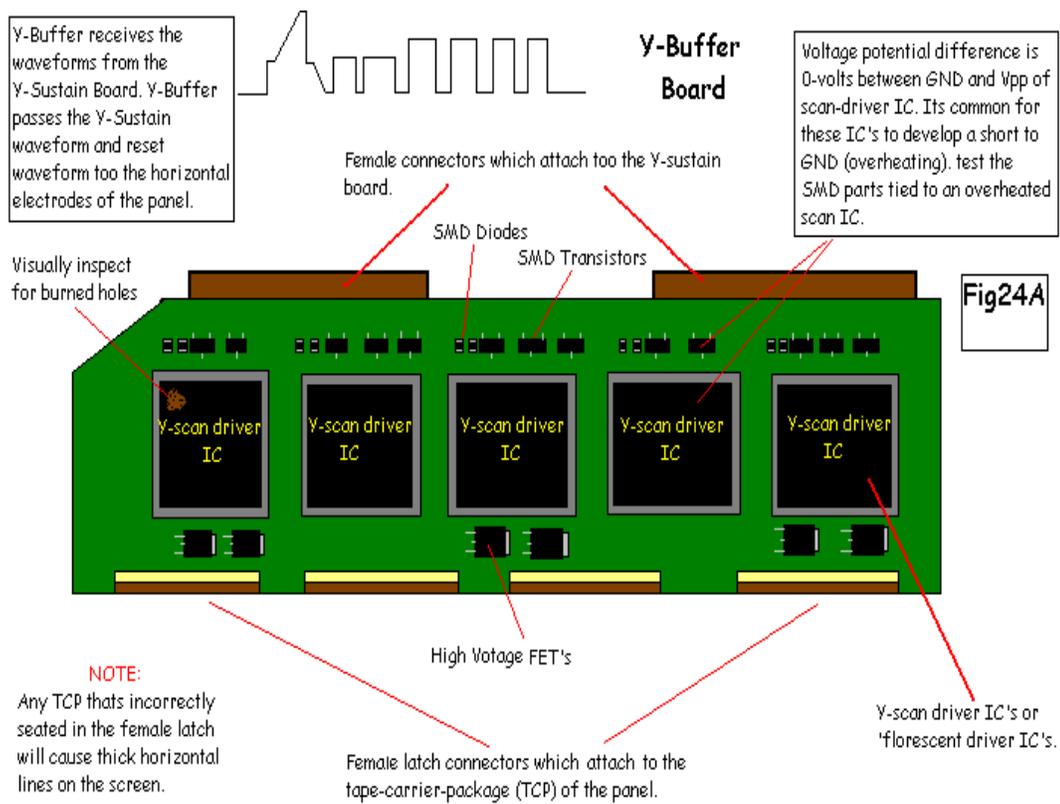


A large group of dark or white lines usually indicates that a ribbon carrier may have loosened and detached from the panel or address board. Or it could mean that an address drive IC for that group of pixel columns may have failed (overheating). Be sure to take a close look at the ribbon carrier that's connected to the panel, if it checks good then the panel will need replacing or use a bonding machine to re-connect the loose ribbon carrier back on the panel.

Sometimes even with a bond machine the original ribbon carrier won't adhere back to the panel, in which case a new tape carrier would be required if available.

If there are evenly spaced vertical lines of a particular color on the screen this can be caused by

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B) Important tip on Y-buffer

When changing the y-buffer boards be sure to

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