**WARNING**

DO NOT press the power button on the front of the Monitor if your monitor fails to produce a picture, you may cause further damage to the monitor or the Game CPU Motherboard. Specifically, damage may occur to the DVI port on the Game CPU Motherboard by pressing the power button on the front of the monitor. The monitor controls are pictured below.

It is Recommended that the backglass and the playfield glass be removed for troubleshooting and repairs of the monitor. Tools to have on hand are: ¼” nut driver, #1 Phillips screwdriver, DMM, known working computer monitor with both VGA and DVI connections available, known good VGA and DVI cables.
WOZ / HOBBIT Monitor Repair Flowchart
Wells Gardner 27” LED W/SAMSUNG PANEL VGA/DVI Model WGF2759-SFBS25D

Created by: Dave Okert (Dok is the Lead Repair Medic for the Northwest Pinball and Arcade Show in Tacoma, WA.)
Errors and Omissions can be submitted to dokert@comcast.net

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1. Remove 4 screws in top left picture on page 1.
2. Lay monitor on its face.
3. Verify Power Connector in center picture of page 1 is firmly seated into LCD Controller.

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1. Power Game OFF.
2. Remove 4 screws as shown in top left picture on page 1.
3. Lay monitor on its face.
4. Disconnect Power Connector (shown in center picture on page 1)
5. Disconnect DVI Cable (shown in center picture on page 1)
6. Remove monitor and set aside.
7. Connect known working computer monitor to DVI cable and power monitor on.
8. Power game on

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Does game screen come up on computer monitor?

YES

Replace
1. LCD Driver Board P/N 15-0021-00
2. LCD Controller P/N 15-0020-00
(As shown in center picture on page 1)

NO

Game screen comes up on monitor now
Replace
1. LCD Driver Board P/N 15-0021-00
2. LCD Controller P/N 15-0020-00
(As shown in center picture on page 1)
3. CPU Board P/N 15-0000-00

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Replace Both
1. LCD Driver Board P/N 15-0021-00
2. LCD Controller P/N 15-0020-00
(As shown in center picture on page 1)

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1. Power Game OFF.
2. Disconnect DVI cable from monitor
3. Install VGA cable to monitor
4. Install VGA cable to Game CPU Motherboard located next to the DVI cable.
5. Power game on

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No +12VDC present?
(shown in far right picture on page 1)

NO

YES

1. (Early Production WOZ ONLY with ATX Power Supply) Replace: ATX Power Supply
2. (Late Production WOZ and Hobbit with Unified Power Source Board) Test Fuse F6 on Unified Power Source Board (12ASB) and verify connector at J7 is firmly seated. If J7 is seated and Fuse F6 tests good, repair or replace Unified Power Source Board P/N 15-0019-00

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Is LED lit Red on monitor with game powered up? (As shown on page 1 bottom left picture)

YES

1. Power Game OFF.
2. Remove 4 screws as shown in top left picture on page 1.
3. Lay monitor on its face.
4. Disconnect Power Connector (shown in center picture on page 1)
5. Disconnect DVI Cable (shown in center picture on page 1)
6. Remove monitor and set aside.
7. Connect known working computer monitor to DVI cable and power monitor on.
8. Power game on

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NO

OK