



Sanyo 20EZV Flow Chart

This flow chart is only a rough guide, and should be used accordingly. I hate making flow charts, but hopefully this will help get you back up and running. If I have left anything out, please send me an email and I will try to make the changes.

My email is dokert@comcast.net

If you have "Jail Bars", it is time for a cap kit.

Always check your B+ after a cap kit on a Sanyo 20EZV.

1. Test and or Replace VR1 & VR2 on the Game Boardset.
2. Test and or Replace VR352, VR353, VR354 on the Monitor Control PWB

Test for shorted H0T Q902
Test with Power OFF!
 Set meter for Diode test. Ground Black lead to the chassis frame. Red lead to the case of the H0T. Open or high resistance is good. Shorted the H0T is Bad.
Bad Flyback T452
 Inspect for crack and or any oozing black crap.

Test Diodes D601 - D604

You are going into HV Shutdown. Center B+ pot VR601, Brightness pot VR351, Sub-Brightness pot VR301, and the Master Brightness pot on the Flyback. Turn monitor on and adjust B+ voltage to +108vdc. Reset Brightness using VR351. If it is still too bright, center VR351 and adjust Sub-Brightness VR301 and fine tune with VR351. If all else fails, tweak the Master Brightness on the flyback a hair or two.

Is the B+ erratic and unable to lock in at +108vdc? Bounces way up or way down

Test for Bad B+ pot VR601. Suspect Bad IC601. Check for solder splash and or broken traces if IC601 was replaced