



Sony bravia kdl40hx850 smart LED tv troubleshooting

we will check the bad screen (flickering and ghosting screen). this tv had multiple problems so we will focus on the teardown. i add the service manual this is very helpful for troubleshooting and dissassembly

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INTRODUCTION

this tv had a bad screen (ghosting and flickering). This tv is well know for this problem. most of the time there are 3 major causes : bad T CON board, loose flat cables or a bad LCD screen) also a bad lvds connector can cause some problems so also check the connector real good as well the cable.

Due to data loss on my computer i lost all the pictures to make this guide.. if you have questions , feel free to contact me.

TOOLS:

- Mako Driver Kit - 64 Precision Bits (1)

Step 1 — Sony bravia kdl40hx850 smart LED tv troubleshooting



- before we take the tv apart we will do a self diagnostic test on the tv. See for more info in the service manual that i add to this guide.
- for a self test on the tv , push following buttons on the remote: display button (see picture for more info on this button) channel 5 volume down and than power button.
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Step 2



- we will open the tv. first we will remove the BUNCHIN audio undercarriage. So you can move the tv separately
- remove the 3 screws holding the panel tot the undercarriage.
- remove the other 3 screws as shown in picture 2
- lift the panel (tv) up and remove it from the BUNCHIN audio part (sole, undercarraige...)

i to remove the screen : do this with 2 persons and lay the tv down on a sheet (blanket)or something.

! when removing the screen from the audio undercarrige: whatch out for the audio cable (remove this before removing screen)

! like you know always make sure the tv is unplugged from the electric socket before you manipulate the tv.

Step 3



- we will remove the power supply plate.
- it is a small black plastic plate holding the power cable.
- remove 1 screw and slide the plastic cable holder to the left away from the plate.

Step 4



- we will remove the back plate. you have to remove 22 screws.
- first remove the 2 screws in red. start with the screw on the left.
- remove the 4 screws in yellow. start with the one on the left
- remove the 14 screws in green. the 2 on the side as last.

Step 5



- remove the last screws , in blue.
- now remove the panel
- to remove the panel : lift the back plate towards you (beginning with the upper side of the plate) , then tilt it to the left.
- right is the allignment corner.

Step 6 — checking out LVDS/LCD cable to improve screen



- now you'll see all the PCB's.
- now it's time to check out the LVDS cable or LCD cable and the LVDS connector. wiggle getnly the cable and check te tv.
- in red de LVDS connector. attached on that connector the LVDS/LCD cable.
- if the screen or picture is not better you can check out the diodes on the T con board. or follow the trouble shoot page in the service manual.

Step 7 — removing T Con Board



- Insert wisdom here.