

KEG KING MARK 4 KEGERATOR POWER BOARD TROUBLESHOOTING

WARNING! ELECTROCUTION DANGER

These instructions are for a person experienced in electrical testing. Be sure to take all safety precautions, including wearing gloves when testing live power. Do not attempt if you do not have experience in electrical testing.

DIAGNOSIS: If your Keg King Mark 4 Kegerator has no power, and no lights on the front panel, the main power board may be bad. To locate this board, unplug the unit, and remove the back lower grill with a phillips screwdriver. The board is in the small white box on the lower left side. Making sure the unit is unplugged, remove the board from its mount by removing the two phillips mounting screws and pull the cover off. Pull the board out a few inches for easy access.

1. TESTING THE INPUT POWER: With the unit unplugged from the wall, unplug the lower right wire connector with the black and white wire. See the picture at left. Once you press on this connector and pull it out you will need to test the two connector leads with a multimeter to see if they read 120 volts AC when the unit is plugged in.



Set your multimeter to AC volts and press the leads into the connector as shown at above right. If you do not get 120 volts AC here, the power cord or plug is bad.



2. FAN OUTPUT TESTING If your Keg King Mark 4 Kegerator has 120 volts as indicated in Test 1, it is time to test the blue fan output terminal marked "+12 V" in the upper left corner of the board. With the Kegerator unplugged, plug the power lead back in and unplug the fan connector in the upper left corner. Set your multimeter to DC volts and test as indicated in picture 2 at right. If you do not get at least 10 volts DC here, the board is bad and needs to be replaced.

If you do get at least 10 volts DC, the board is fine and the problem lies somewhere else.

