

Testing the keyswitch

You can test the power in the keyswitch with a voltmeter. Your voltmeter needs to be in AC for the test. You need to put one of the test probes on one of the bottom screws and you put the other test probes on the upper screw on the same side. You should read 120V on each side.

You also test the resistance on the keyswitch by placing your voltmeter into the Ohm Ω sign.

Place the 2 test probes on the same screws as before and you will need to push on the little green button in between the screws. The voltmeter should beep that means that the resistance is close to zero. You can do the test on each side.

Testing the limit switches

You can test the limit switches with a voltmeter. Your voltmeter needs to be in AC for the test. You will need to open the operator box. You need to make sure that the Covana is a little bit open you don't want the limit switches to be engaged.

- You need to put your probes on the screws where the black and white cable comes in (see picture 1). You should read around 120V.
- After you let one probe on the screw where the white cable is, and you put the other one on the connector where the white cable plugs in (you can pull a little bit on the cable to touch the connector) (see picture 2). You can do the same after with the yellow cable. You should read on both 120V.
- We do the same procedure but with the black cable beside the white one, but we will test the green and red connectors. We should read again 120V on each.
- Last test if everything else is correct, you need to put a probe on the black cable and the other one on the white like the second step. If you push on the upper limit switch and there is not power coming through that means that the upper limit switch is correct.
- You can do the same with the lower limit switch by placing one probe on the on the screw where the black cable is and the other one on the connector where the green cable is. If you push on the lower limit switch and the power shuts down that means that the lower limit switch is fine.



Limit s 1



Limit s 2