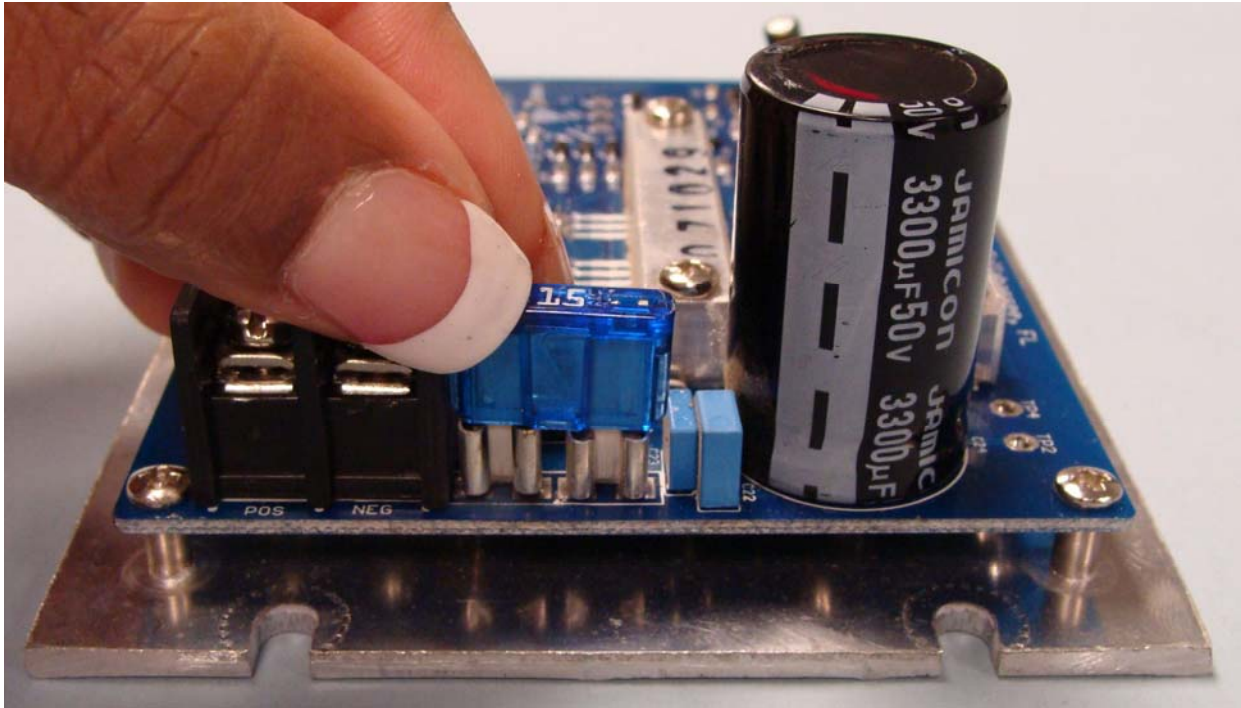


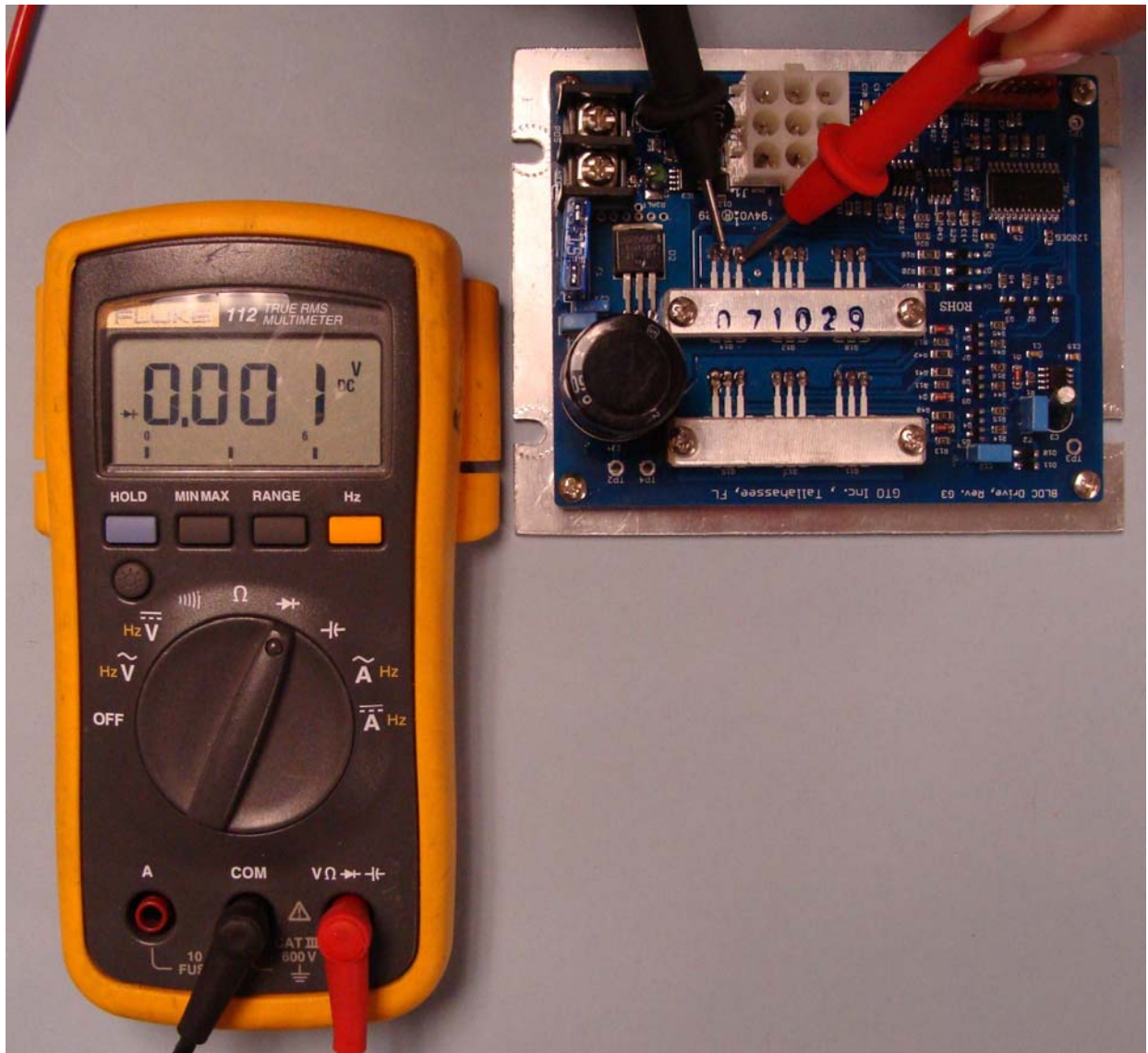
## Motor Drive Board Testing

If the operator will not power up, if the fuse on the motor drive board blows as soon as the power switch is turned on, you may have a bad motor drive board.

Check the fuse on the motor drive board. Replace the fuse if necessary.



If the motor drive board blows the replacement fuse as soon as you turn the power switch on, take the motor drive board out and check the MOSFETs with a diode tester. One or two of the MOSFETs may be shorted.



The motor drive board fails for three reasons:

1. Battery Reversal
2. Power Surge
3. High Current from the motor

If the MOSFETs are shorted, replace the motor drive board and test the power supply. A bad motor drive board can sometimes take out the power supply.