

WARNING: HIGH VOLTAGE! Follow instructions and avoid direct contact with probes and wires during testing. High Voltage is being emitted and can cause injury or death. If unsure, contact a licensed electrician.

WHAT IT DOES

The megger is used as a quality control measure to test the insulation resistance to detect any fault in the heater cable jacket. Such leaks cannot be spotted with a regular ohmmeter and help spot any damage to the cable and cable jacket.

HOW IT WORKS

The megger sends voltage through the cable to calculate the amount of current flowing through the cable jackets for an accurate indication of insulation integrity. Higher resistance means good insulation.

HOW TO USE IT

1. Make sure no power is running to the heating system you are testing.
2. Insert the test probes into the L and E2 input terminals.
3. Turn the dial to the 500V.
4. Clip the black probe to the black wire coming from the heater cold tail lead.
5. Clip the red probe to the ground wire.
6. The display should show “- - -” until the **TEST** button is pressed.
7. Push and hold the TEST button to begin the test.
8. Keep the probes connected and release the TEST button.
9. Remove both probes and repeat the test by clipping the black probe to the red heating wire if testing a 240V system, or solid yellow if testing 120V system. Then repeat steps 5-8.
10. Your reading should be higher than 1 mA. Anything lower, please call Warmup.

Please note, if the resistance (which should be greater than 1) is greater than 2000Mohms, the reading may not be displayed.



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