

MODEL 6416/6417 **Err. CAL.** MESSAGE CAUSES AND CURES



The message **Err. CAL.** may appear when you turn on your 6416/6417 Clamp-On Ground Resistance Tester. This can be due to several different reasons.

1. There is contamination on the mating surfaces of the jaws.

Ensure all 4 mating surfaces of the jaws are free from dirt, debris, or any other contaminants. Grains of sand or blades of grass can create enough interference to cause an issue.

Remedy: Wipe all 4 surfaces with a clean cloth or swipe your clean thumb across all 4 surfaces to clear any debris or obstructions.

2. There is something inside the opening of the jaws.

Do not clamp the jaws around anything before turning the unit on. Meter is designed to power up and initialize with empty jaws.

Remedy: Open jaws and remove anything it is clamped around. Allow jaws to completely close before turning the unit on.

3. Jaws are squeezed open during power up and initialization.

The jaws need to remain completely closed until the display reads 0.R.Ω and emits a constant beeping sound.

Remedy: Allow jaws to remain closed until initialization is complete and unit beeps continuously.

4. The jaws are physically mis-aligned and not mating.

If there is any warpage or distortion of the interlocking red plastic outer housing, the mating surfaces of the jaws may not align.

Remedy: It may be possible to physically help alignment while closing. If manual intervention for alignment is not possible, the unit will need to be returned to the factory for repair.

If you have any questions, contact AEMC® Technical Support at 1-800-343-1391 x351 or email techsupport@aemc.com.

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