THE LOW RESISTANCE OHMMETER, AND NULLING YOUR LEADS

YOUR LEADS READ 0.15 OHMS. DOES IT MATTER?

The book is specific: a **low-resistance ohmmeter**. On a multifunction tester that's the continuity setting — it may be called R_{LOW}, or something else, depending on the maker.

Before anything, put the probes together and press test. Whatever it reads — say **0.15 Ω** — is the resistance of your **leads**, and it would sit inside every reading you take.

- If the meter has a **null** (zero) function, use it. Touch the probes together again: you want **0.00**, and 0.01 is nothing to lose sleep over.
- If it doesn't, note the lead reading and **subtract it** from every result.

> ✋ **Null every time you start.** A reading with the lead resistance still in it is a wrong reading, and on a short circuit it can be most of the number.

Guidance Note 3 · 2.6.5 · use a low-resistance ohmmeter

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