



Maintaining Your Multimeter

TECHTIPS



Multimeters

A multimeter is an essential tool in a technician's toolbox. They are used for measuring electrical properties such as voltage or ohms, and it's necessary to maintain and calibrate them properly.

Concerning storage, protecting your multimeter from physical damage is vital, especially since even a tiny drop can mess up the calibration, particularly on analog versions. If your multimeter comes with a storage box, we recommend that technicians use it.

Verify Accuracy

It's crucial to calibrate your multimeter regularly to ensure its accuracy. The process begins by setting your multimeter to its lowest resistance, commonly by the word OEM or the OEM symbol.

Once you have set your multimeter to its lowest resistance setting, you are going to:

- Touch the end of the red probe to the end of the black probe and ensure the value is .5 or less.
- Test the voltage against a known source, such as a new 9-volt battery.
- Switch the knob to the voltage measurement setting.
- Touch the red probe to the battery's positive terminal and the black probe to its negative terminal.

You should get a reading very close to 9 volts.

If the technician still has issues with the equipment after calibration, you may need to replace it or calibrate it according to the manufacturer's instructions.



Tying It All Together

To summarize, a multimeter is significant for heavy-duty shops, as it's a great, affordable tool for measuring electrical properties. Want more helpful advice? Visit our [Tech Tip page](#) or visit the [JPRO page](#) for more information. Have questions about a Noregon product or service? Contact a US-based product expert at **855-889-5776**.

