

Warning: While the megohmmeter is turned on do not touch both metal leads from the megohmmeter at the same time, **you may get shocked.**

Step 1: Remove the loop leads from the operator or detector.

Step 2: Attach the clip of the megohmmeter to an earth ground such as the operator frame or a 12" screwdriver driven into the ground. You can pour water on the screwdriver to help ground the connection.

Step 3: Touch the probe from the megohmmeter to one of the disconnected loop lead-ins.

Step 4: Set the dial on the megohmmeter to either MΩ position. This meter has two positions: **MΩ Power Lock** – which keeps the meter on and **MΩ** which requires that you press and hold the POWER ON/OFF Button. The green ON light will flash when the megohmmeter is on.

Step 5: Press and hold the power ON/OFF Button. Or if you prefer set the dial on the megohmmeter to MΩ POWER LOCK position – this will keep the meter on without having to press the ON/OFF Button.

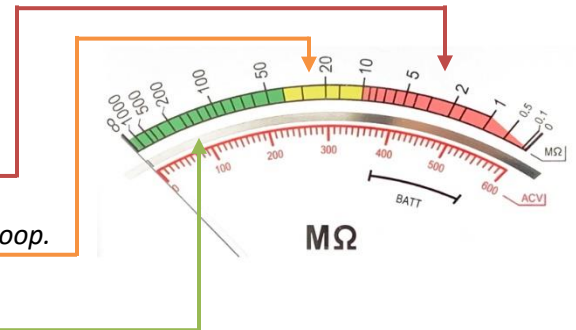
Step 6: Read the Meter.

Look at the megohmmeter needle position:

Below 10 - Bad Loop *This Loop will need to be replaced.*

10-44 - Suspect or Questionable Loop *Consider replacing the loop.*

45-2000 - Good Loop



(Optional) Step 7: Water down the area of the loop and lead-in and then take another reading. Loops often require water in the groove to facilitate a short to ground. In dry conditions a loop with nicked insulation may still read good. Is your reading significantly lower with water in the groove?

In Summary:

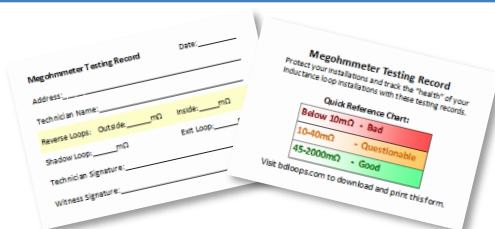
It is important to remember that **only one** of the megohmmeters clip leads will be connected to the loop, the other must be connected to ground.

We know that it is not very intuitive since you have 2 leads from the megohmmeter and 2 lead-in wires on the loop, many installers will put both leads to the loop. If an installer does connect both of the megohmmeter leads to the loop the megohmmeter will incorrectly show that the loop is bad or failing. (Go ahead and test it yourself, It won't damage the loop.)

We also recommend using our BD Loops E-Z Detector Checker to help trouble shoot the loop detector and circuit board. *If you need additional assistance with using this megohmmeter or testing loops please give us a call: 714-723-0946.*



Protect your installations and track the health of your inductance loop installations with the included **Megohmmeter Testing Record Booklet**. Need more booklets? Download and print more **Megohmmeter Testing Record Booklets** on the BDLoops.com "Downloads" Page.



Use **Inductance Loop Warning Signs** when you are installing a loop in a concrete pour, or any application where other contractors will be working near the loop. We know how often concrete companies damage inductance loops, protect yourself and urge others to work carefully around the loops.

Inductance Loop Warning Signs can be downloaded and printed on the BDLoops.com "Downloads" Page.



Use the right loop sealant - Many installers don't realize how important using the right sealant is for increasing the life of saw-cut loops.



BD Loop Shield (BD-LS) Hybrid Technology Loop Sealant:

BD-LS is a tough, long lasting, flexible one part self leveling hybrid sealant. BD-LS can be applied to damp or dry surfaces, it does not bubble when it comes in contact with water like some other sealants. BD-LS has a quick skin time 45 minutes, is VOC compliant, prop 65 compliant, resists yellowing, is paintable, and adheres to a wide range of substrates. BD-LS can be cleaned up with rubbing alcohol. Every tube of BD-LS comes with a 3/16" flat sealant tip that allows you to fill the groove from the bottom up in one pass! You can easily slightly underfill the groove – allowing you to open the lane immediately for traffic.

BD-LS Features at a Glance:

- VOC Compliant
- Fast Skin & Cure time
- Use in All Climates
- Apply to Wet / Damp Substrates
- Tolerates Water Before Curing
- 100% Solids will now Shrink
- Resisting Yellowing
- Proposition 65 Compliant
- Paintable
- Available in Black & Gray
- Excellent UV Resistance
- Wide Adhesion Range
- Long-Term Durability
- **Made in USA**

