

# TO START JEEPMETER OPERATIONS

**STEP 1:** Test the battery by placing the power switch to the “ON” position. The light indicates good battery. If the light flickers or does not come on, replace the batteries as described in the battery procedure. Place the power switch to the “OFF” position after the battery condition has been checked.

**STEP 2:** To test DC holiday detector connect the high voltage (red cable) test lead to the DC input terminal on the top left of the JeepMeter.

To test pulse holiday detector connect the high voltage (red cable) test lead to the pulse input terminal on the top center of the unit.

**STEP 3:** Connect the other end (alligator clip) of the (red wire) high voltage test lead to a holiday detector electrode or the metal portion of the electrode wand.

**STEP 4:** Connect the ground (black cable) test lead to the ground input terminal located on the top right of the JeepMeter.

**STEP 5:** Connect the other end (alligator clip) of the ground (black cable) test lead to the bare metal of the pipe if possible, otherwise to the bare wire of the holiday detector ground cable. (Connecting to the bare pipe gives a more accurate reading of the actual working voltage impressed on the coating).



**CAUTION!** TO PREVENT DAMAGE TO THE JEEPMETER, THE INPUT PULSE/DC SWITCH MUST BE PROPERLY POSITIONED.

**STEP 6:** Set the input switch to Pulse or DC position to match which input terminal is being used.

**STEP 7:** After, and ONLY AFTER, double checking that all the connections in Steps 1 through 6 are correct, place the JeepMeter power switch to “ON” position.

**STEP 8:** After the digital readout settles to zero then power on the holiday detector by switching the holiday detector to the “ON” position. Then read the output voltage directly on the JeepMeter digital display.

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## TO STOP JEEPMETER OPERATIONS

**STEP 1:** Switch OFF the power on the holiday detector.

**STEP 2:** Turn the power “OFF” on the JeepMeter.

**STEP 3:** After steps 1 and 2 are complete, disconnect the test leads and secure the JeepMeter back in its case.

# TROUBLESHOOTING GUIDE

<b>PROBLEM</b>	<b>POSSIBLE SOLUTION</b>	<b>CORRECTION METHOD</b>
<b>NO VOLTAGE READING</b>	Wrong Setting Selected	<p>The JM can measure two types of high voltage, DC and Pulse. Make sure the correct type is selected on the Pulse/DC switch.</p> <p>The 780 is DC.</p> <p>The 785 and 790 are Pulse.</p>
	Wrong Connection	<p>High Voltage Pulse and DC Voltages have different circuitry to measure voltages and therefore must have different connections on the meter.</p> <p>For the 780 make sure to use the Connection labeled DC.</p> <p>For the 785 and 790 use the Pulse connection.</p>
	Low Battery	<p>Replace the two 9V batteries in the back of the unit with new batteries.</p>