

DESCO INDUSTRIES INCORPORATED

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PERSONAL GROUND TESTER

EQUIPMENT REQUIRED:

1. Small Phillips screwdriver
2. Small blade screwdriver

CALIBRATION

Your Personal Ground Tester will ordinarily remain calibrated. It is, however, important to check calibration regularly. This may be done at the factory or you may do it yourself. The Tester is factory set to "Fail High" at 10 Megohms and "Fail Low" at 750K ohms. When checking calibration, use resistors of these exact values unless you have adjusted the Tester to different parameters.

ADJUSTING TEST PARAMETERS

the 19310 pass/fail parameters are factory set to fail at greater than 10 Megohms and less than 750K ohms. These settings may be adjusted to your own specification. The "Fail High" LED is adjustable up to 100 Megohms, and the "Fail Low" LED is adjustable to as low as 250K ohms. The "Pass" LED is a default setting based on the "Fail" parameters. Test parameters are changed by adjusting the trimmers, accessed through the bottom of the case.

1. Remove the two round hole-plugs on the bottom of the case.
2. Using a cord of known resistance, which is the maximum acceptable value, begin calibration with the trimmer in the left-hand hole ("Fail High").
3. Activate the meter by pushing the white, test button.
4. Turn the trimmer counter-clockwise until the "Fail High" LED lights up, then clockwise until the LED just goes out. Any sudden movement may make the LED flash momentarily. Don't turn the trimmer further than need to turn the LED on or off.
5. Repeat with the other LED's, using a cord with the minimum acceptable resistance.
6. Replace the hole-plug.

If you have any questions or if you need additional information call Desco Industries, Inc. On the East Coast 781 821 8370, West Coast 909 627 8178 or you can reach us at: service@desco.com.