

PROFESSIONAL DIGITAL CIRCUIT TESTER

Item Number W2990

OWNER'S MANUAL



Performance Tool®

SPECIFICATIONS

Range:.....	3 to 48V (DC)
Resolution:.....	0.1V (DC)
Accuracy:.....	±0.3V
Display type.....	Backlit 200 count LCD
Red LED:.....	Power Connection
Green LED:.....	Ground Connection
Polarity:.....	Bi-Directional
Operating Temp.:.....	0° to 120° F (-18° to 50° C)
Surge Protected:.....	Yes
Coiled Cord Length:.....	12 ft. (3,6 m)
Clip:.....	Large Solid Copper
Shank Material:.....	Stainless Steel
Shank Length:.....	3.5 inches (8.9 cm)
Weight:.....	0.4 lbs. (0.16 kg)
Computer Safe:.....	Yes

NOT AIRBAG SAFE

NOT A JUMPER LEAD

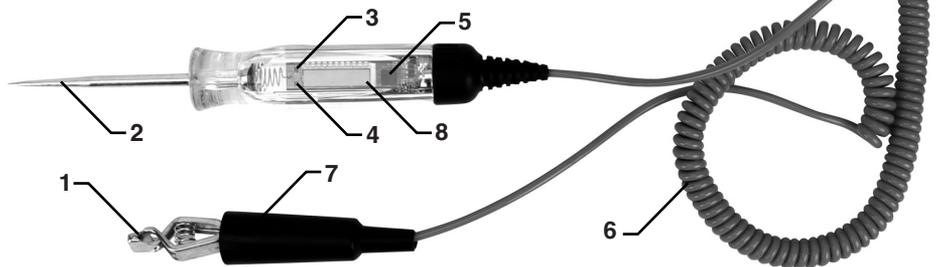
▲WARNING: READ, UNDERSTAND AND FOLLOW ALL INSTRUCTIONS AND WARNINGS BEFORE OPERATING THIS TOOL. FAILURE TO DO SO MAY RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE AND WILL VOID WARRANTY.

PT[®]
Performance Tool

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DESCRIPTION

1. Spring Clip
2. Probe
3. L.E.D. Red
4. L.E.D. Green
5. Logic Processor
6. Memory Cord
7. Protective Boot
8. LCD Screen



UNPACKING AND INSPECTION

After opening the carton, unpack your new product and related parts and accessories. Please inspect it carefully for any damage that may have occurred during transit. Please check it against the photograph on carton. If any parts are missing, please call customer service at 1-800-497-0552 between 6 a.m. and 5 p.m. Pacific time.

▲WARNING: *DO NOT operate this product if damaged during shipment, handling or misuse. Do not operate the product until the parts have been replaced or the fault rectified. Failure to do so may result in serious personal injury or property damage. All damaged parts must be repaired or replaced as needed prior to operating this product. Check to see that all nuts, bolts and fittings are secure before putting this product into service.*

If you have any questions, or require assistance with damaged or missing parts, please contact our customer service department at 1-800-497-0552. Please have the serial number, model number, and date of purchase available for reference when calling.

▲WARNING! Do Not use diagnostic equipment on or near rotating engine parts. Entanglement or flying parts may occur. Do Not use as a screwdriver, pry bar, chisel or punch. Wear Safety Goggles (Users and bystanders). This digital LCD circuit tester is designed to detect voltage, power and ground integrity.

▲WARNING! Test lights can set off a supplemental restraint system if the wrong wires are probed. These wires are generally, but not always, marked with a yellow loom or tape and likely have yellow connector housings. If you probe one of these wires, which could be in ANY factory wiring harness in your vehicle, you could set off one or all of the airbags.

INSTRUCTIONS

TEST FOR CIRCUIT GROUND:

1. Connect the Spring Clip (1) to a good power supply.
2. Touch the pointed probe (2) to circuit terminals, wires or chassis to locate grounds.
3. The green LED (4) illuminates and the LCD will display the measured voltage as a negative number at good ground connections.

TEST FOR CIRCUIT POWER:

1. Connect Spring Clip (1) to a good chassis ground.
2. Touch the pointed probe (2) to a circuit terminal or wire.
3. The red LED (3) illuminates and the LCD will display the measured voltage if the terminal has power.