

*Eastwood*<sup>®</sup>

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Item #31843

# DIGITAL CIRCUIT TESTER

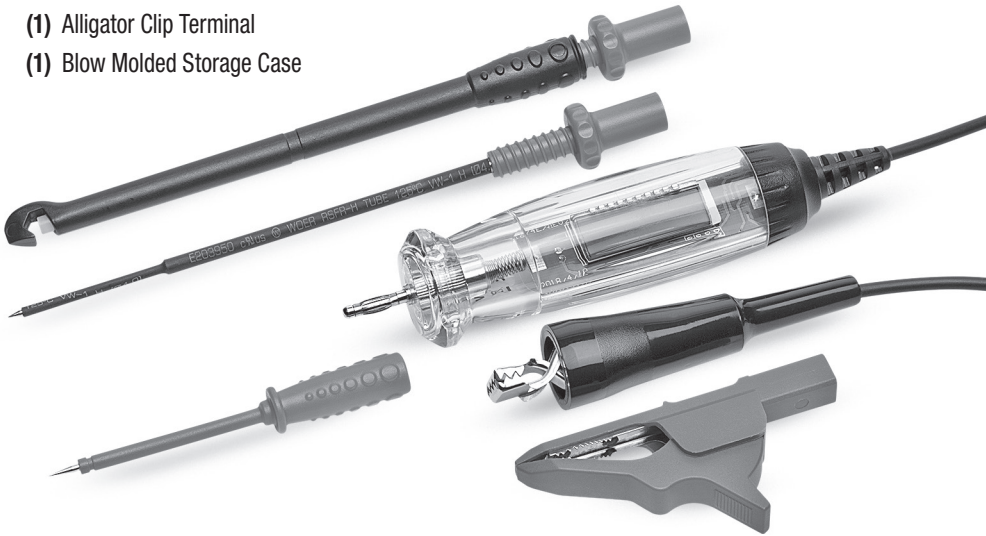
## INSTRUCTIONS



The **EASTWOOD DIGITAL CIRCUIT TESTER** is capable of measuring circuit logic voltage values from 4V to 60V on all 6, 12, 24 & 48 Volt systems with color coded polarity identification.

## CONTENTS

- (1) Tester with integral 12 ft Cord, Ground Clamp, 4mm Banana Plug and LCD readout
- (1) Adjustable, 7-1/2" Wire-Piercing Probe
- (1) 3-3/4" Stainless Steel, Needle Point Probe
- (1) 7-1/4" Stainless Steel, Needle Point Probe
- (1) Alligator Clip Terminal
- (1) Blow Molded Storage Case



## FEATURES

- Color Coded LCD Readout displays value in RED for Power (+) and GREEN for Ground ( - )
- Coiled Cord expands to 12 feet
- Probes attach to a standard 4mm banana jack which accepts most commonly available circuit testing equipment
- Testing current = < 10ma

# SAFETY INFORMATION

The following explanations are displayed in this manual, on the labeling, and on all other information provided with this product:

## **DANGER**

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

## **WARNING**

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

## **CAUTION**

CAUTION used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

## **NOTICE**

NOTICE is used to address practices not related to personal injury.



### **READ INSTRUCTIONS**

- Thoroughly read and understand this manual before using.
- Save for future reference.



### **WARNING IMPROPER MOTOR VEHICLE MECHANICAL WORK CAN RESULT IN INJURY OR DEATH!**

- Performing work without adequate training in motor vehicle mechanical systems can cause injury, death and vehicle damage. DO NOT attempt to use this tool or begin motor vehicle service work without proper training in and a thorough understanding of motor vehicle electrical service and repair procedures.



### **CAUTION**

- Always wear ANSI approved eye protection and heavy-duty work gloves when using this tool.



### **CAUTION SHOCK HAZARD!**

- Keep hands and fingers away from contact with power sources to avoid shocks.



# OPERATION

- Select the Probe Attachment that best fits the application.

**NOTE:** to use the Adjustable, 7-1/2" Wire-Piercing Probe (**FIG 1**):

- Loosen the red threaded base,
  - Insert wire under "hook",
  - Tighten red threaded base allowing center needle to pierce insulation and contact wire core.
- Attach probe to banana jack (**FIG 1**).
  - Clip Black Ground Clamp to grounded vehicle chassis.
  - Contact power source with Probe.
  - Read voltage value and polarity on LCD display. Displays RED for Power (+) and GREEN for Ground (-) (**FIG 2 & 3**).

**FIG. 1**



**FIG. 2**



**FIG. 3**



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**If you have any questions about the use of this product, please contact**

The Eastwood Technical Assistance Service Department: 800.343.9353 >> email: [techhelp@eastwood.com](mailto:techhelp@eastwood.com)

PDF version of this manual is available at [eastwood.com](http://eastwood.com)

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