VIATER Vehicle LCD Battery / Charging System Tester Manual



Model: MJTEST Made in China



USE ONLY AS DIRECTED DO NOT DISCARD IN FIRE KEEP OUT OF REACH OF CHILDREN AVOID EXCESSIVE HEAT EXPOSURE

Customer Service 1-888-784-2835 cs@viatek.com

PARTS DIAGRAM:



BATTERY STATE OF CHARGE 75%

25%

VOLTS 12.0 12.2 12.4 12.6

Operating voltages and amperage rating 9-16 V | 1 A

NOTE: WHILE ENGINE IS RUNNING VOLTAGE METER WILL MEASURE ALTERNATOR VOLTAGE. NORMAL READINGS FOR STANDARD ALTERNATORS RANGE FROM 13.5 - 14.5 V.

Battery Monitor Results:

Low battery voltage (yellow or red LED) is not always due to a dead battery. It could be an indication of several things, including, but not limited to:

Alternator Test: 14.51 - 15.1 V Battery Test: 12.00 - 12.6 V

- Possible problem with the alternator
- Dirty battery terminals
- Extreme outside temperature
- Undercharged battery

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USE:

CAUTION

- · Keep away from children.
- Remove any jewelry before working on vehicle's battery.
- · Use as intended only.
- Inspect before every use. Do not use if damaged.
- Remove product from power receptacle when not in use.

To use the Battery Charging System Monitor, please follow the included instructions and refer to these tips.

Battery Test Mode (Range: 0 - 13.5 Volts)

- 1. With vehicle turned off, insert the electrical contact end of the tester into cigarette lighter socket or power receptacle.
- 2. Turn key ignition to accessory power. Battery / charging system tester should display results. (For vehicles with push button start, press the start button without engaging the brake.)

Understanding Battery Test Results

Good Battery Test Result

Green LED Illuminated | Voltage Range: 12.61 - 13.5 Volts | Charge Graph: 5 Bars + Indicates Good Battery

Bad Battery Test Result

Yellow or Red LED Illuminated | Voltage Range: 0 - 12.6 V | Charge Graph: 0 - 4 Bars

Indicates Possible Battery Problem - Charge or replacement may be necessary

Proceed to steps below to test alternator. This may help to determine if problems exist with the battery, alternator, or possibly both.

Alternator Test Mode (Range: 13.51 - 16 Volts)

- 1. Insert the electrical contact end of the tester into cigarette lighter socket or power receptacle.
- 2. Turn engine on and leave running (If engine does not start or does not continue to run, consult automotive technician).

Understanding Alternator Test Results

Good Alternator Test Result

Green LED Illuminated | Voltage Range: 13.51 - 14.5 V

Indicates alternator is charging battery and powering electrical system.

Bad Alternator Test Result

Yellow or Red LED Illuminated | Voltage Above or Below Target Range of 13.51 - 14.5 V

Indicates alternator is overcharging or undercharging system, or there could be other electrical problems.

Consult automotive technician.