

GK503/GK503A Automotive Battery Check

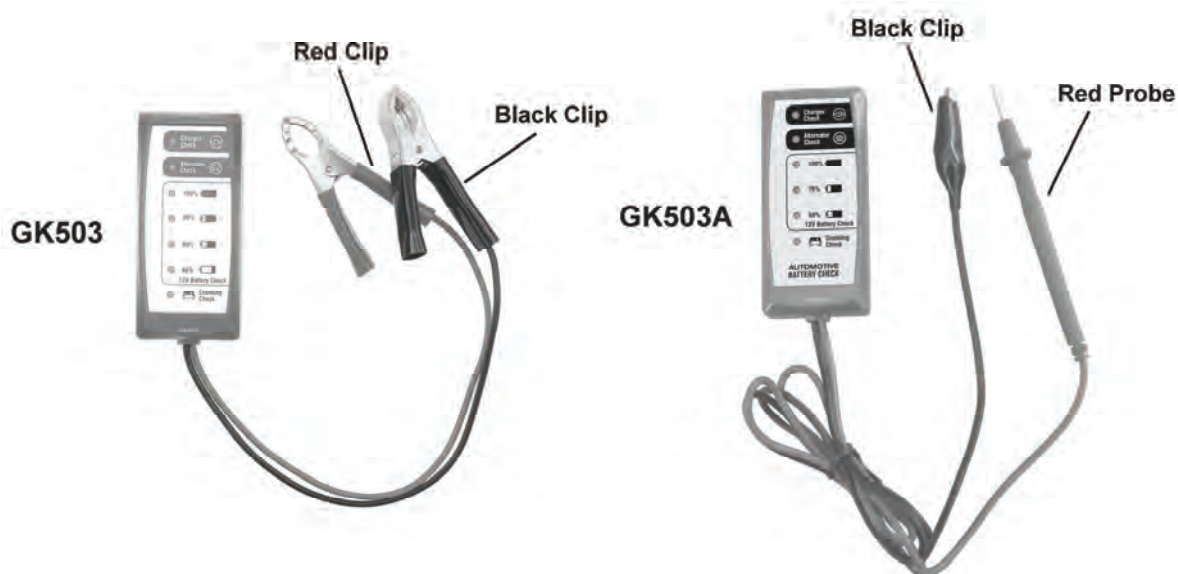
Instruction Sheet

INTRODUCTION

GK503 and GK503A testers can be used to test charge condition of 12V battery and the check charging circuit of 12V vehicle battery. They are compact and easy to use.

Except where noted, the descriptions and instructions in this instruction sheet apply to both GK503 and GK503A testers.

STRUCTURE



OPERATING INSTRUCTION

Charger Check

While charging a 12V battery with a battery charger, connect the red clip (or red probe) of the tester to the positive terminal of the battery, and connect the black clip of the tester to the negative terminal of the battery. When the red light against " **Charger Check** " is lit, charging is complete.

Alternator Check

To check the charging circuit of a 12V vehicle battery, connect the red clip (or red probe) of the tester to the positive terminal of the vehicle battery, and connect the black clip of the tester to the negative terminal of the vehicle battery. Accelerate your engine to 2000 rpm. If the red light against " **Alternator Check** " is lit, the charging circuit is OK.

Battery Check

An accurate indication of a battery's charge level will be possible only if the battery has not been charged or discharged for at least 30 minutes. To check the charge level of a 12V battery, connect the red clip (or red probe) of the tester to the positive terminal of the battery, and connect the black clip of the tester to the negative terminal of the battery. If none of the red lights are lit, check the connections of the tester to the battery. The red lights will indicate the approximate charge level of the battery.

Cranking Check

To check the cranking ability of a vehicle's starter motor, connect the red clip (or red probe) of the tester to the positive terminal of the vehicle battery, and connect the black clip of the tester to the negative terminal of the vehicle battery. The red light against " **Cranking Check** " should remain lit when the starter motor operates.

WARNING

1. Before use, inspect the tester. Do not use the tester if it is damaged.
2. Before use, verify the tester's operation by testing a known 12V battery.
3. Always follow the relevant instructions and procedures indicated in the vehicle's users manual and service manual.
4. Do not use the tester where explosive gas, vapor, or dust is present.
5. To avoid personal injury and tester damage, do not touch any moving or turning object of vehicle.
Do not touch any high-temperature object with hand or skin.
6. To avoid electric shock, don't touch any naked conductor with hand or skin.
7. Use caution when working with voltage above 30V ac rms, 42V peak, or 60V dc. Such voltages pose a shock hazard.

SPECIFICATION

Operating Environment: temperature: 0°C ~ 40°C
relative humidity: < 75%

Storage Environment: temperature: -10°C ~ 50°C
relative humidity: < 85%

Size: 102 × 46 × 16mm (main body only)

Weight: About 73g (GK503 only)
About 43g (GK503A only)

NOTE

1. This Instruction Sheet is subject to change without notice.
2. Our company will not take the other responsibilities for any loss.
3. The contents of this Instruction Sheet can not be used as the reason to use the tester for any special application.

DISPOSAL OF THIS ARTICLE

Dear Customer,
If you at some point intend to dispose of this article, then please keep in mind that many of its components consist of valuable materials, which can be recycled.

Please do not discharge it in the garbage bin, but check with your local council for recycling facilities in your area.

