

SEC-100 SPEEDTEST

OPERATING INSTRUCTIONS

Note: Tests should be conducted with the vehicle engine and any loads in the "Off" position

SAFETY

Inspect the battery for damage and check the electrolyte level if applicable. If the electrolyte level is low, replenish it and fully charge the battery. Always use the necessary safety precautions when working with the batteries to prevent serious injury or death.

CONNECTING THE ANALYZER

1. Connect the red clamp to the positive (+) terminal and the black clamp to the negative (-) terminal. The tester powers up when both connections are made.
2. To ensure a proper connection to a lead post battery, rock the clamps back and forth. The analyzer requires that both sides of each clamp be firmly connected before testing. A poor connection will produce a CHECK CONNECTION message. If the message appears, clean the terminals and reconnect the clamps.

BATTERY TEST

1. Following the startup screens, enter the CCA rating of the battery you are testing using the '▲' and '▼' buttons. The default setting is 500 CCA.
2. Press the ENTER button and begin testing the battery.
3. The result of the test is displayed following the conclusion of the test.
4. To retest, disconnect the SPEEDTEST, reconnect it to the battery terminals and repeat the process.

BATTERY TEST RESULTS

BATTERY GOOD

Return the battery to service

GOOD / RECHARGE

Fully charge the battery and return to service

CHARGE & RETEST

Fully charge the battery and retest.
Failure to fully charge the battery before retesting may cause false readings

REPLACE BATTERY

Test results indicate that the battery should be replaced

SPECIFICATIONS

Battery Voltage Measurements (*Operating Voltage Range: 8.0 V to 15.0 V*)

Minimum (V)	Maximum (V)	Resolution (V)	Accuracy (V)
8	15	0.1	±0.1

CCA Measurements

Range (CCA)	Resolution (CCA)	Accuracy (CCA)
200-1200	25	±25

Note: Non-Automotive AGM models may read higher than actual, but will be consistent between like models



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