

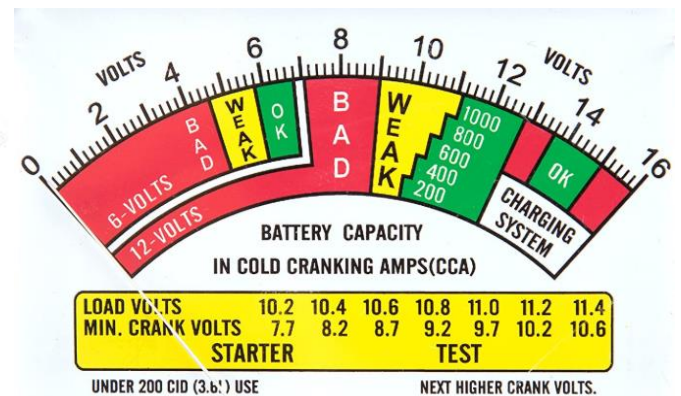
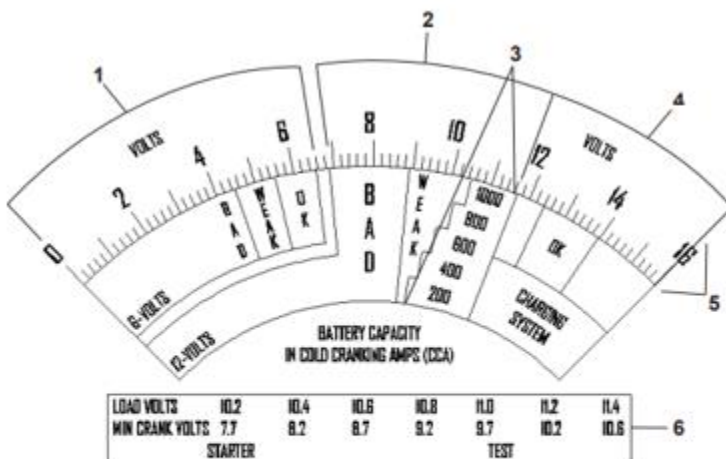


### What Does a Load Tester Do?

Load testing a battery with a battery load tester is one way to check the condition of the plates inside a battery. A load tester applies a calibrated load and displays how the battery responds. The load is applied for about 10 seconds and the batteries should be at a 75% charge, a battery below this should be charged before load testing. When load testing, it is important to remove all cables and make sure the battery terminals are free of corrosion and/or dirt.

### Load Testing Readout with a Handheld Tester

1. Once everything has been removed from the battery terminals and the terminals have been cleaned. Clamp the red clamp to the positive battery terminal (POS, P, +); Clamp the black clamp to the negative battery terminal (NEG, N, -)
2. Press and hold the load switch “on” for a maximum of 10 seconds and read the meter with the load still on. The needle should remain in the green area. If it doesn’t the battery is weak or bad.



1. Range for 6 volt battery load testing
2. Range for 12 volt battery load testing
3. Cold cranking amps range
4. Charging system test range
5. Voltage scale
6. Starter test voltage table

## Load Testing Readout with Computerized Systems

If a consumer takes their batteries to a professional [Advanced Auto, Batteries Plus, etc.] to have them tested with their computerized system, it will create a Test Report for the consumer.



**Advance Auto Parts**

Test Report

YOUR SHOP NAME  
1000 ANY ST.  
YOUR TOWN, STATE  
70601  
USA  
800-555-1212  
WEBSITE.COM  
3724

4/28/2020  
1:54 PM  
User ID: UNREG

EXP DECISION

RESULTS	
GOOD BATTERY	
VOLTAGE:	12.99V
MEASURED:	1124 MCA
RATED:	840 MCA
TEMPERATURE:	73°F

RECOMMEND FULL SYSTEM  
TEST WITH EXP-1200.

BATTERY MEETS OR EXCEEDS  
INDUSTRY SPECIFICATIONS.

IF VEHICLE STILL FAILS  
TO START CHECK THESE  
POSSIBLE CAUSES:

- ✓ IGNITION PROBLEMS
- ✓ WIRING OR CONNECTION  
PROBLEM
- ✓ INTERMITTENT STARTER  
PROBLEM
- ✓ PROPER BATTERY SIZE

**Advance Auto Parts**

Test Report

YOUR SHOP NAME  
1000 ANY ST.  
YOUR TOWN, STATE  
70601  
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800-555-1212  
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3724

4/28/2020  
1:53 PM  
User ID: UNREG

EXP DECISION

RESULTS	
GOOD BATTERY	
VOLTAGE:	12.80V
MEASURED:	799 CCA
RATED:	840 CCA
TEMPERATURE:	73°F

RECOMMEND FULL SYSTEM  
TEST WITH EXP-1200.

BATTERY MEETS OR EXCEEDS  
INDUSTRY SPECIFICATIONS.

IF VEHICLE STILL FAILS  
TO START CHECK THESE  
POSSIBLE CAUSES:

- ✓ IGNITION PROBLEMS
- ✓ WIRING OR CONNECTION  
PROBLEM
- ✓ INTERMITTENT STARTER  
PROBLEM
- ✓ PROPER BATTERY SIZE