

# Battery Testing Procedure with Load Tester

Once you have removed the surface charge, disconnect the battery cables and connect the battery load tester to the battery posts as shown below.

Determine the cold cranking amperage rating of the battery you are testing. If the cold cranking amp rating (CCA) is not know, **use 450 CCA for four cylinder engines, 550 CCA for six cylinder engines and 650 CCA for V-8 engines.**

Adjust current draw on the load tester to 50% of the CCA rating. **Continue this for 15 seconds** while viewing the voltage reading on the battery tester. The voltage should stay above the specified reading (See chart below.) without falling off. If the voltage remains at the specified level or above, the battery would be considered good. If the voltage reading drops below the specified level, replace the battery.

Load Test Chart		
Minimum Voltage	Temperature	
	Fahrenheit	Celsius
9.6	70	21 and above
9.5	60	16
9.4	50	10
9.3	40	4
9.1	30	-1
8.9	20	-7
8.7	10	-12
8.5	0	-18

