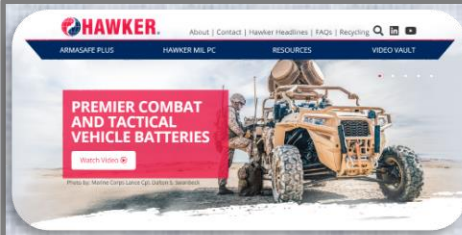




HAWKER®

Headlines Winter 2020 edition

Quick Tips!



Hawker® has a new look and a new location!
Check us out at www.hawkerbattery.com
Say goodbye to zoom, the site features **device scaling**.
So, the information you need just got easier to find
whether using a **computer, tablet, or smartphone!**



Answer to question from last issue:

My Hawker® battery passed testing, so can it be mixed with other Hawker® batteries that are the same model? That depends. As batteries age, they develop significantly different capabilities (usually, the result of plate sulfation). So...when mixing batteries in parallel, series, or series-parallel configuration...

- 1. Open Circuit Voltage (OCV) Test:** insure all fully-charged batteries are within a **0.15 volt OCV range** of each other (e.g., if the highest battery measures 12.9 volts OCV (no load), then the lowest battery should measure no less than 12.75 volts OCV.), **and**
- 2. Conductance Analyzer Test:** insure all fully-charged batteries are within a **10% CCA range** of each other (e.g., if the highest battery measures 1225 CCAs, then the lowest battery should measure no less than 1102.5 CCAs), **or**
- 3. Mechanic's Load Test:** insure all fully-charged batteries are within a **0.4 volt CCV range** of each other (e.g., if the highest battery measures 11.2 volts CCV (load voltage), then the lowest battery should measure no less than 10.8 volts CCV), **or**
- 4. Capacity Test:** insure all fully-charged batteries are within a **10% Ah range** of each other when discharged at a specified C-rate (e.g., if the highest Capacity battery measures 120 Ah (C20), then all batteries should be within 12 Ah range of each other, so the lowest Capacity battery should measure no less than 108 Ah (C20). Note: This test is normally only conducted by design engineers.

Did you know:

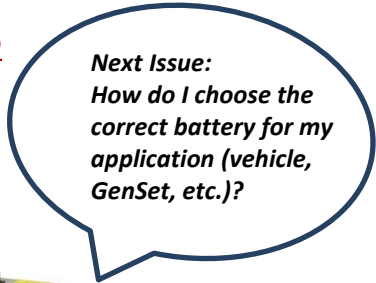


With the migration to www.hawkerbattery.com, that the free **Hawker® Helpdesk** video training series is now located in the **Video Vault** section. Oh, and the videos are still available on [YouTube.com](https://www.youtube.com)



Training: "OK, so I can watch training videos on www.hawkerbattery.com but I want more in-depth knowledge...can you help with that?"

We sure can...military units can schedule *free on-site Battery Maintenance and Recovery Training* at their motor-pool. Just contact your Hawker® FSR today!



Questions?

Visit our website at: www.hawkerbattery.com
Call us at 877-485-1472



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