Encourage The Use of GR8 as Primary or Backup Test

Issue #	Part Info	Group(s) Affected:		
9	Tester (2)	Service ☐ Parts ☐ Roadside Assistance ☐ Sales ☐ Vehicle delivery/Logistics ☐		

Condition
The handheld V8150 tester is not as thorough of a tester as the GR8. The GR8 also has the capability to apply load to the battery. Although the initial V8150 test may be good, if a load type test is not applied to the battery, you have a greater chance of failure to detect additional problems.

Observed Situation:
Based upon Midtronics expertise and dealer experience, there is value in using the GR8 exclusively, or as a follow up tester. Unlike the V8150 it has the ability to test the battery under load.

Concern: Possibility of not as effectively picking up low state of health where loading the battery may have indicated an issue.

This may be the reason some customers return for a battery repair when during the previous service it tested ok with the handheld V8150 tester.



Suggested Change
1. If a vehicle is going to have the battery tested that did not come in for a complaint of battery discharged, the GR8 is a better test for State of Health.

2.If the V8150 tester indicates a failed battery, consider using the GR8, and doing a subsequent test. Not only is a different tester used (if problems with the original tester exist they may be discovered) but the second test has a greater chance of indicating true battery condition since the vehicle's battery cables are not attached to the battery.

3. An extra twist of the tester clamp against the lead battery post can make a solid connection rather than testing through the battery cable which may have corrosion on it**.**

An analogy is if you break all the wires inside a battery cable and test it with a volt meter you may still read battery voltage, but under load the voltage will drop off dramatically, revealing a problem.

Dealer Concerns: