

PRESS RELEASE

Contact

Ariel Quarto – Marketing Director

248.506.5697 Voice

586.983.3709 Fax

ariel@go2hev.com

FOR IMMEDIATE RELEASE

January 12, 2012

INDUSTRY LEADERS JOIN FORCES TO CREATE THE MOST POWERFUL ELECTRIC TRANSMISSION DIAGNOSTIC TOOL YET

Sterling Heights, MI – January 12, 2012 - Electric Transmission Motor Diagnostics: It's a whole new world to some, but ALL-TEST Pro® and Automotive Research and Design saw it on the horizon long ago. Together they produced the ALL-TEST Pro® 33EV (AT33EV) - the most powerful tool to analyze and diagnose any automotive hybrid or electric vehicle 3-phase induction or permanent magnet motor-generator (MG). With the help of this revolutionary tool, you can quickly and accurately test electric transmissions, electric air conditioning compressors, and electric transmission auxiliary hydraulic pumps with ease, whether the MG is in or out of a vehicle.

Static and Dynamic testing sequences with the AT33EV can be completed in an unheard-of timeframe: less than two minutes to test any MG. The AT33EV software provides a printable summary test report complete with stator and rotor data in graphical and raw data format to provide state-of-health results that are easy to interpret. The SOH information assists in determining if there are any current or impending failures. "This is significantly more than a scan tool", says Dr. Mark Quarto, the engineering and software consultant in the AT33EV development, "It tests for things a scan tool cannot, not to mention it will find failures before they've become catastrophic or a MIL appears".

The approach used by the AT33EV is superior to using outdated testing methods such as a test light, milliohmeter, LCR meter or DVOMs that yield inconclusive or inaccurate results, costing you thousands of dollars. Resistance (dc), Impedance (ac), Dissipation Factor (DF), Inductance, Capacitance, Phase Angle, Current-to-Frequency Ratio, and Insulation Resistance data is analyzed in its powerful software determine to MG SOH.

This testing technology has been proven to be highly effective on thousands of motors and will ensure that analysis and diagnosis is accurate in any repair job coming into a facility. The AT33EV is the secret weapon used by OEMs, remanufacturers, engineers and technicians to analyze and diagnose automotive electric motor propulsion systems.

Automotive Research and Design was founded in 1987, providing diagnostic equipment, online and on-ground HEV training, and Hybrid curriculum solutions.

###