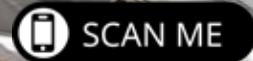




AVION DEMAND

ONLINE TRAINING FOR THE AUTOMOTIVE PROFESSIONAL

This QR code will take you to the course page



LIVE ELECTRIC VEHICLE TRAINING

When you're making your next diagnosis or repair of an electric vehicle, do it with the confidence and knowledge that comes with hands-on, expert-led training from AVI!

Introducing AVI's latest innovation, EVa, the Electric Vehicle Training Aid. It was specially designed to teach the fundamentals of high voltage electric vehicle diagnostics in a safe, controlled environment. With EVa able to fit in most any classroom, this hands-on training course will cover the entire electric vehicle system from the CAN bus to the traction inverter. AVI expert instructors will cover the battery systems, lithium batteries, nickel metal hydride batteries, and safety procedures.

Students will discover how parts of the system interact while assembling the motor. Along with EVa, the instructors will bring a variety of specialty tools to try out including volt meters, scan tools, and lab scopes. Did we mention it's hands-on? The students will be the ones to do the scanning and assembly.



Course Objectives:

Understand the fundamental theories of electricity and electrical current including the differences between A/C and D/C

Explore how to test electric circuits

Understand personal protective equipment and the procedures to follow

Describe electric vehicle diagnostic procedures

Understand high voltage battery technology and components

Describe high voltage component testing, removal, and replacement

Discover diagnostic tools including scopes and scanners

Testing and servicing Electric Vehicle inverters and converters



Accredited Training Provider

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