



xEV DIAGNOSTIC AND REPAIR ESSENTIALS

WITH MATT LAMONTAGNE

The distinct considerations essential for the repair and maintenance of electric vehicles, emphasizing the need for specialized procedures and tools, which differ from those used for traditional internal combustion (ICE) vehicles. Practical guidance to acquaint technicians with the unique challenges presented by electric vehicles, utilizing real-world case studies to showcase common faults, diagnostics and solutions.

A comprehensive grounding in High-Voltage (HV) theory and the use of specialized tools required for high voltage systems. With a mix of theory, operational insights, and hands-on case studies, you'll acquire the skills to not only service but excel in the electrified vehicle market.

- Electric Vehicle Architecture
- High-Voltage Battery - Diagnosis and Repair
- High-Voltage Motor/Generator - Diagnosis and Repair
- Diagnostic Strategy for Driving Readiness
- High-Voltage Charging - Functions and Faults
- Isolation Loss Troubleshooting
- HVAC Systems - Components and Operation
- Electric Vehicles - Tools and Equipment

SATURDAY • 2/1/25
8:00 AM - 5:00 PM

CLASS ID: SEM1898
\$385 / STUDENT



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