



St. Louis Chapter

Hybrid Electric Vehicles 8 hour, hands-on training!

In-Person
Training with



Dave Hobbs

ASE CMAT / L3
Veteran Gas, Hybrid &
Electrical Diagnostics
Technical Trainer

Tom Finneran

sponsored by



Delphi
Technologies

by BorgWarner



CURRENT DIAGNOSTIC DATA		FRAME#	807	TIME	617.92
Active	CON_Vo	LEAK_R	Negati	Positi	
Description				Value	Unit
Negative_CON_INP *				Close	
Negative_VOLT_STAT *				No Fault	
Number of Trouble Codes Set Due to Diagnostic Test *				0	
PER_CON_FAU_STA *				No Fault	
Positive Battery PACK_VOLT				144	Volts
Positive LEAK_VOLT				0	Volts
Positive VOLT_STAT *				No Fault	



- Review of Hybrid & EV Technology & Safety
- Hybrid & PHEV (Plug-In Hybrid) Engine No Starts
- Dealing with common Hybrid & EV DTCs
- Hybrid, PHEV & EV Cooling and HVAC Systems
- High voltage battery pack diagnostics
- Interpreting Data PIDs, Mega & Micro Ohmmeters

Members: \$70
Non-Members: \$129

includes lunch
and training

for shop owners
and technicians

Register at MWACA.org/events
Questions? 816.413.9800