



Midwest AUTO CARE ALLIANCE

Automotive Thermal Management – Keeping the Car and the Customer Cool

In-Person Technical Training
With Victor Hernandez



The AC system has evolved into more than just a luxury option. With today's engines, hybrid systems, and electric vehicles the system is just as much about keeping the customer comfortable as it is protecting the High Voltage system. Proper thermal management is more critical than ever. In this class, we will explore traditional and advanced cooling system components, including compressors, electric water pumps, fans, heat exchangers, battery cooling systems, heat pumps, new refrigerant types, air door actuators and controls.

The class emphasizes AC system operation, diagnostics, system inspection, proper service procedures, and calibrations required after in-car services such as an air door actuator replacement. We will include case studies to highlight common issues and effective troubleshooting strategies. Whether dealing with combustion engines or high-voltage EV cooling circuits, technicians will gain the skills to keep both the vehicle—and the customer—running cool.

Key Learning Objectives:

- AC system operation
- Refrigerant updates
- Compressor replacement best practices
- Thermal management in EVs and hybrids
- Interior component replacement best practices

Wichita Chapter



Tuesday, April 14, 2026



6:00 pm - 9:00 pm



Affinity Automotive
2606 W Pawnee St,
Wichita, KS 67213

MWACA Member: \$85

Non-Member: \$110

includes dinner & training

training for
owners,
managers, &
technicians

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