



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

Register at [MWACA.org/events](https://www.MWACA.org/events)

Questions? 816.413.9800

## 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

MWACA is committed  
to providing a  
recruitment-free  
environment during  
training sessions and  
events for all employees  
of its member shops.