

Advanced Ignition Diagnostics

In-person training with
James Wilson



Your customer's ignition system is the 'heartbeat' of their engine. Are you the 'heart doctor' that you need to be to diagnose problems quickly and accurately? Your father's 'big box' engine analyzer may be obsolete on vehicles with C.O.P. (Coil On Plug) ignition systems but the advanced diagnostics it provided in its day can be easily replicated with some practical methods you may be overlooking. In this intermediate-advanced course we'll cover:

- Spark Systems – Ignition Circuit Review
- C.O.P.s of Every Variety; 2-wire, 3-wire, and 4-wire
- Meters and Bench Testing; What Can We Still Do?
- C.O.P. Diagnostic Feedback Circuits
- Scoping Voltage and Current; The "EKG and MRI" of Ignition Testing
- Misfire Madness: Remembering the Simple Things That Steal the Spark

Register at **MWACA.org/events**

Questions? **816.413.9800**

Des Moines Chapter



Tuesday , September 16, 2025



6:00-9:00 pm



TBD

Members: \$30
Non-Members: \$45

Includes dinner and training.

for technicians,
managers, and
owners

Presented by:



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