

The **FUEL TRIM** Playbook

Interpreting Data That Drives Results

with Andrew Fischer

Fuel Trims tell the real story behind engine performance. Turn scan tool data into diagnostic insight by understanding how the ECM reacts to air-fuel balance changes.

Fuel Trim Signature Analysis - Vacuum leaks, injector faults, or biased sensors and how oxygen/air-fuel ratio sensors drive adaptive strategies.

- **Air-Fuel Balance Changes - ECM Logic and Outputs**
- **Interpreting Fuel Trim Patterns that Reveal Root Causes**
- **Connections Between Fuel Trims, O2 Sensors and A/F Sensors**
- **Identifying Vacuum Leaks, Injector Faults and Sensor Bias**
- **Using Live Data for Faster, Verified Diagnostic**
- **Gain Confidence in Data-Driven Repair Decisions**

WED 4/15/26

THU 4/16/26

6PM-8PM PDT

CLASS ID: OLT517

\$150 USD/STUDENT

