



A LOGICAL APPROACH TO GDI DRIVABILITY CONCERNS

WITH BRANDON STECKLER

**STRUCTURED DIAGNOSTIC ANALYSIS OF GASOLINE DIRECT
INJECTION SYSTEM BEHAVIOR - DRIVEABILITY FAULT ISOLATION
USING SCAN DATA AND SYSTEM LOGIC**

- GDI System Architecture and Component Interaction
- Fuel Rail Pressure Generation and Control Strategies
- Torque Output, Fuel Economy and Emissions Control Relationships
- GDI and Port Fuel Injection Systems - Operational Differences
- OBD2 Global Scan Data Evaluation from the Driver Seat
- Diagnostic Game Plan Development and Targeted Component Testing

WED 6/24/25
THU 6/25/25

6PM-8PM CDT
CLASS ID: OLT536
\$150 USD / STUDENT