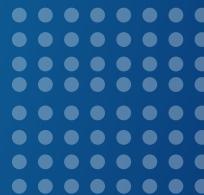


Diagnosing Mass Air Flow and Volumetric Efficiency Issues and Fuel Trim Analysis



Instructor:
Eric Ziegler

Airflow sensor operation, common failure modes, vacuum/unmetered air entry, intake and exhaust restriction analysis and diagnostics.

- *Volumetric Efficiency and Fuel Control Strategies*
- *Operation, Test Methods, and Failure Modes for MAF, MAP/Speed Density Systems*
- *Vacuum Leaks and Unmetered Air Entry - Identification Strategies*
- *Intake and Exhaust Flow Restrictions - Troubleshooting*
- *Volumetric Efficiency - Testing and Interpretation*
- *Scan Data and Fuel Trim Evaluation - Airflow Analysis*

**Saturday
4/25/26**

8am to 5pm

Code: SEM1983
Cost: \$385 USD
Per Student



**Ramada by Wyndham
Burbank Airport
2900 N San Fernando
Blvd, Burbank, CA 91504**