



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



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