



Diagnostics Under Pressure



Instructor:

Adam Robertson

Understanding how pressure behaves in the intake, exhaust, crankcase, and combustion chamber - and how those changes relate to piston position and valve timing across the full 720-degree engine cycle - technicians can pinpoint engine faults before ever reaching for a wrench.

Labscope and pressure transducers to decode pressure patterns, recognize abnormalities, and interpret what they reveal about internal engine condition. Real-World case studies bring these concepts to life.

- *Apply Pressure Transducer Diagnostics to Diagnose Before Disassembly*
- *Intake, Exhaust, Crankcase, and In-Cylinder Pressure Comparison*
- *Labscope and Pressure Transducer Setup and Usage*
- *Piston Position and Valve Timing Across the 720-Degree Cycle*
- *Expected Pressure Patterns Versus Abnormal Results*
- *Real-World Case Studies*
- *Applicable for all Technician Experience Levels*

**Wed 12/3/25
& Thu 12/4/25**

6pm to 8pm
Eastern time zone

Code: **OLT480**
Cost: **\$150 USD**
Per Student



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