



PRESSURE TRANSDUCER TESTING

LIVE CLASSROOM TRAINING

This live classroom training course will present to the student lecture and practical exercises on pressure transducers to determine engine mechanical, fuel system, and misfire concerns.

This relatively new form of automotive diagnostic testing uses amplified and non-amplified pressure transducers to determine specific cylinder misfires, engine blow-by percentage, restrictions in fuel injectors, valve timing, concerns, and other volumetric efficiency issues.

Valvetrain, head gasket, and cracked head issues can all be diagnosed using a pressure transducer and a lab scope. This class includes a large amount of hands-on shop time working on vehicles.

COURSE OBJECTIVES:

- ✓ Understand what a pressure transducer is and how it works
- ✓ List the different types of pressure transducers
- ✓ Illustrate different locations that a pressure transducer can be placed
- ✓ Describe how to set up for pressure transducer testings
- ✓ Recall proper labscope waveform interpretation
- ✓ Understand the different diagnostic scenarios applicable to pressure transducer testing
- ✓ Using waveforms to diagnose vehicle issues
- ✓ List the safety procedures to be followed when performing pressure transducer testing