

LBT-210: In Cylinder Pressure Transducer Diagnostics

John Thornton's 'In Cylinder Pressure Transducer Diagnostics' from AVI, is an in-depth class. As you know, for many years in our industry we have used a compression gauge to assist us in diagnosing mechanical problems. Well, today, electronics have vastly improved the techniques we can use to analyze in cylinder mechanical problems.

An in cylinder pressure transducer test can provide you with many quick diagnostic indications. Using an in cylinder pressure transducer, for example, we can determine if Cam timing is correct or not. We can even do this in single or double overhead Cam engines. In many cases, we can also determine if the exhaust valves are too tight or even too loose. We can also verify if we have problems with seal between the valve face and the seat, whether it be intake or exhaust. In addition to those previously mentioned there are many other benefits to using in cylinder pressure transducer testing. This John Thornton training program will make you more efficient at diagnosing mechanical problems than ever before.

Runtime: 221 minutes

Topics Covered

Introduction
Fluke PV350
Snap-On EEPV & MTS 5200
Writing A Proper Repair Order
PICO WPS500X & ATS
D.C.T.I. (Dual Channel Transducer Interface)
Chrysler V6
In-Cylinder Analysis
Compression Transducer Testing
Case Studies
Analyze the Pattern
Valve Timing
True Top Dead Center (TDC)

Case Studies
PICO Pressure Transducer
Compression Towers
Expansion Stroke
Intake and Compression Stroke
In-Cylinder Pressure Transducer Approach
Cranking Compression Test
Valve Leakage and Case Studies
Compression Transducer Testing
Cam Timing and Case Studies



Supplements

Testing Resources
Manual
Videos
Discussion Forum
Certificate