

# AVI ON DEMAND ONLINE TECHNICIAN TRAINING

## LBT-145:10 Minute Scope Check

Would you like to solve engine performance and misfire issues in 10 minutes? AVI can help you diagnose these problems quickly so you can make more money. This course with Bill Fulton will help you become more profitable by showing you a 10 minute diagnostic strategy using your DSO (Digital Storage Oscilloscope) and secondary waveforms to resolve these issues.

Although a scan tool will look at sensor data, it will not look at secondary ignition. Bill Fulton shows you tests that can't be done with a scanner. He covers problem areas such as rich/lean fuel conditions, poor coil performance, erratic triggering problems and secondary insulation breakdown which can be all detected with a DSO.

This program shows you what to look for and how to make decisions on weak cylinders. Bill shows you tests with your DSO to pinpoint misfire causes that you can't do with a scanner. This course also helps end the confusion by giving you scope settings for testing/voltage, time, slopes and trigger source.

**Runtime: 74 minutes**

### Topics Covered

- Tech Line Calls
- DSO Ignition Diagnostics
- Scope Settings for Secondary
- Determining DIS Cylinder Pairs
- Types of Misfires
- Anatomy of a Secondary Waveform
- Secondary Waveform Diagnostics
- Modis 10 Minute Scope Check
- Secondary vs. O2 Sensor Advantage



### Supplements

- Testing Resources
- Manual
- Videos
- Discussion Forum
- Certificate