

## LBT-233: Victory Over Voltage Drops

From the basics in electrical diagnostics to fully interactive hands on training, Dave Hobbs shows you how to properly diagnose hard to find voltage drops in his newest training program, Victory Over Voltage Drop.

Get a hands-on look at bad connections and common misdiagnoses on a fuel pump system, watch current draw with a resistor on a blower motor, and check voltage drops on high voltage systems like the Toyota Hybrid checking the re-sistance among contacts. Dave also demonstrates how to check simple 12 volt systems like rear defogger grids and the proper use of tools such as an Amp Clamp, Multimeter, and a Labscope.

With Dave Hobbs and AVI, you can learn to diagnose voltage drops in a simple and effective manner to transform frustration into profits for your shop. Claim your victory over voltage drops today!

### Topics Covered

Understanding Voltage Drops  
Voltage Drops Within Fuel Pumps  
Using Current Draw for a Voltage Drop  
Ohmmeter vs Voltmeter Searching for Intermittent Connections  
Alternative Load Test Techniques  
Blower Resistor Test  
Searching for Voltage Drop  
Searching for Voltage Drop Within  
Ground Replacement of the Ground Wire  
Using the Amp Clap to Measure Current Draw

Engine Control Module Problem with a Toyota Hybrid  
Reading an Unplugged Coolant sensor on a Toyota Hybrid  
Voltage Read of the ECM  
Checking Current Draw with the Fluke 365 & IDR Tool  
Checking the Transmission Solenoid with the Fluke 365  
Dynamic Current Draw of the Fuel Pump  
Checking Blower Motor Voltage Supply & Dynamic Current Draw



Supplements  
Testing Resources  
Manual  
Discussion Forum  
Certificate

Runtime: 155 minutes