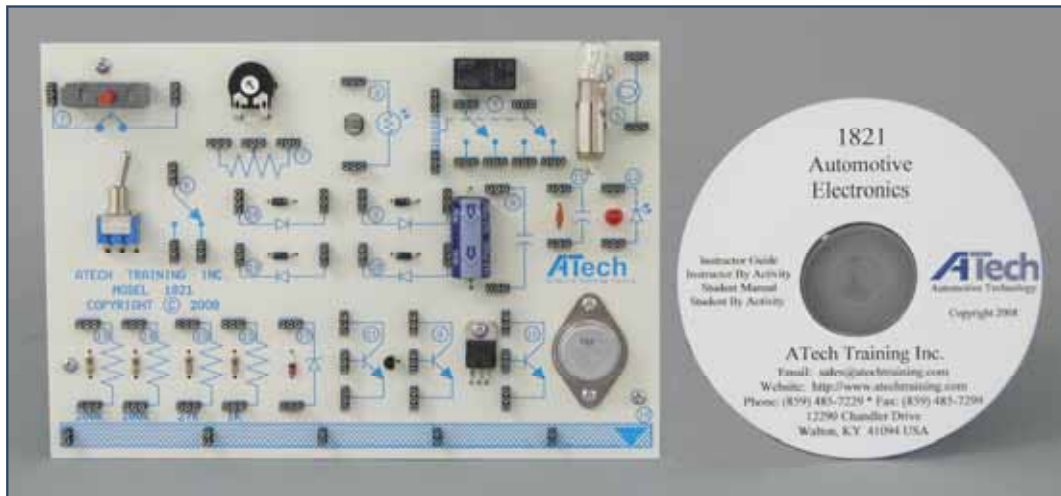


AUTOMOTIVE ELECTRONICS COURSEBOARD MODEL 1821



The Automotive Electronics Courseboard (model 1821) is a hands-on study of basic automotive electronics that includes Courseboard and CD-ROM containing the Student Manual and Instructor Guide. Also included with the courseware package is an on-site copy license to allow for reproduction of instructional materials for use in the classroom.

The Automotive Electricity Courseboard features real fixed components of wire terminals. 12-Volt power supply not included. Does not include fault insertion capability.

ACTIVITIES INCLUDE:

Unit I– Introduction to Electronics

- Electricity to Electronics
- The Digital Multi-Meter
- Why use a DMM?

Unit II– Introduction to Semi-Conductors/Diodes

- Diode Behavior
- The Diode as a Rectifier
- The Light Emitting Diode (LED)
- The Clamping Diode
- The Zener Diode

Unit III– Transistor Circuits

- The Transistor Circuit
- The Amplifier
- Transistor Troubleshooting
- Combining Transistors

Unit IV– More Electronics

- The Capacitor
- The Photo Resistor
- Combined Electronics

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