



MEGATECH®

LOCKTRONICS SOLUTION KITS



ATMC
Automotive Training
Managers Council

Accredited Training Provider



MODEL: MEGLOC-9834
Sensors and Control in Automotive Applications

DESCRIPTION:

This solution provides an introduction to the role of an Electronic Control Unit. Students use a number of prewritten programs for the MIAC Electronic Control Unit (ECU) to enable them to construct a wide variety of Input - Process - Output circuits using sensors and actuators typically found in vehicles. A full curriculum pack is provided. The solution includes component carriers, base board, a power supply, and storage trays.

EXPERIMENTS INCLUDE:

- DC motors with speed control
- Stepper motors
- Temperature sensor
- Light sensor
- Potential dividers and their use
- Transistors as switches
- Use of relays
- ECU action and function
- Automotive control systems
- Sensor and actuator waveforms and signals
- Sensor and motor faults

FEATURES/BENEFITS:

- A complete solution to learning
- Includes carriers, baseboard and power supply
- Includes worksheets with teacher's notes

DIMENSIONS:

Size: 23.5" x 30.5"
Weight: 15 lbs.

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