Features:

- The GM J1850 OBD II System Trainer is based on a GM 3.5L V6 and a 4T65E Transmission.
- Uses Actual Automotive Components Including:
  - PCM
  - Throttle Body with Idle Air Control Motor and Throttle Position Sensor
  - Mass Air Flow Sensor
  - Fuel Rail with Fuel Pump, Fuel Pressure Regulator, and 6 Injectors
  - Instrument Panel Cluster
  - A/C, Fan (1, 2, & 3), and Fuel Pump Relays
  - Oxygen Sensors (2)
  - EGR, Canister Purge, and Vent Valves
- Aids in Developing Real-World System Skills and Knowledge
- Additional Lamps to Indicate Operation and Control of the Following:
  - Air Conditioning On
  - Brake Switch
  - Evaporative Purge and Vent
  - Exhaust Gas Recirculation
  - Fans (Left/Right)
  - Fuel Pump Relay On
• Ignition
• Module Mode/Ignition Control Mode
• O2 Heaters
• Starter Enable
• Transmission (Shift Solenoids 1 & 2) and PWM Torque Converter Clutch

- Performs Actual Service Manual Diagnostic Procedures
- DVOM/Oscilloscope Measurement Tip Jacks for:
  » Engine Coolant Temperature (with disconnect switch)
  » Input Speed Sensor
  » Intake Air Temperature (with disconnect switch)
  » Manifold Absolute Pressure
  » Mass Air Flow
  » Pressure Control Solenoid
  » Throttle Position Sensor
  » Vehicle Speed Sensor
• Direct User Control of the Following Functions:
  » Air Conditioning Pressure
  » Engine Coolant Temperature
  » Fuel Trim
  » Intake Air Temperature
  » Mass Air Flow
  » Transmission Shifting
• Fault Codes, used for Diagnostics, can be Inserted Either Locally using Switches, or Remotely via an Instructor’s PC or ATech Network System (ANS)
• Compatible with OBD II Scan Tools for Performing Diagnostics on Code, No-Code, OBD II, and Intermittent Faults
• Runs OBD II Monitors and Drive Cycles
• Interface Connection for use with GM Electronic Ignition Trainer (model 1772)
• Compatible with ATech Instructor Management Program
• Courseware is Included (Student Manual, Instructor Guide, and Service Manual Information)