

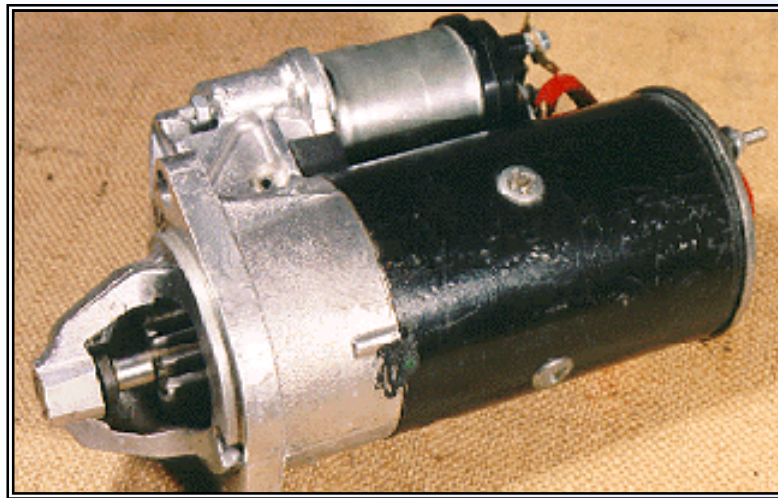


www.iteltd.com

## AT-2000 - the new generation

### eAT-201 Engine Starting Theory

**Engine Starting Theory** is a specially created e-Learning course designed to teach the fundamentals and theories of engine starting systems to learners in a variety of environments. The theory learned in this course will prepare learners for the diagnostic troubleshooting exercises with the Smart Vehicle Fault Insertion programme as well as troubleshooting real vehicles in the workplace.



**e-Learning Courseware** helps to eliminate time wasted in the training facility – flexible and self paced – freeing staff to concentrate on more complex topics.

**The 'roll on-roll off' methodology** offers learners the opportunity to learn about Engine Starting Theory, prior to attending a practical course, in a learning resource centre or at their workplace. The course can be easily integrated into existing curricula and courses for motor vehicle technicians.



#### CLEMS

The courses can be delivered in standalone mode or tracked using the Internet-based CLEMS (Computerized Learning and Evaluation Management System) which allows the instructor to monitor individual learner and class activities and record the learner's progress.

Contact ITE via the web site at [www.iteltd.com](http://www.iteltd.com) or phone +44 (0) 020 7 830 9664



## COURSEWARE

[www.iteltd.com](http://www.iteltd.com)

The courseware offers the learner 'on demand' access to courses on the principles and troubleshooting techniques of Engine Starting Theory.

The courseware provides the learner with an clear, well thought out modules on Engine Starting principles and troubleshooting. Each lesson consists of easy-to-understand text with supporting graphics.

Simulations show how the various components work together. Troubleshooting exercises reinforce the theory learned and test the learner's comprehension of the subject matter.

### TOPICS COVERED

- Fundamentals of electricity
- Basic concepts of magnetism
- Measuring voltage and current with a digital multimeter
- Starter motor construction
- Starter motor operation
- Measure typical voltage points while cranking
- Troubleshooting exercises with engine starting



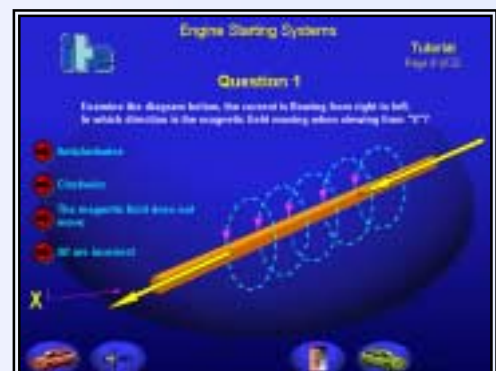
### OPTIONAL ACCESSORIES

- CLEMS - Software for monitoring and recording learner progress
- Distance Monitoring Software
- Web camera and microphone for each instructor and learner station

NOTE: In order to work with CLEMS, an Internet server is required. (Please consult your local contact for more information and minimum configuration).

### COMPUTER MINIMUM CONFIGURATION

- Pentium II 350 MHz with:
- 64 MB RAM
- 40 X CD
- COM1 or COM2 port
- SVGA card with 8 Mbytes
- Operating System: Windows 95/98/NT/2000/XP
- Microsoft Internet Explorer 5 or later



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