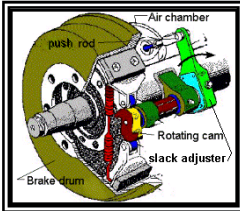




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AT-2000 - the new generation

eAT-203 Air Brake Theory

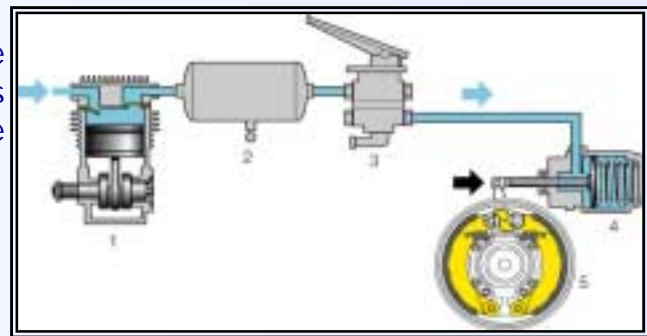


Air Brake Theory is an e-Learning course designed to offer the learner the fundamentals of Air Brake theory and basic diagnostics and troubleshooting techniques. The modules are suitable for learners at different stages of their course.

The knowledge gained during this course will support the learner when they progress to diagnostic courses and troubleshooting exercises using our proprietary courseware on 'Smart Vehicles' 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.

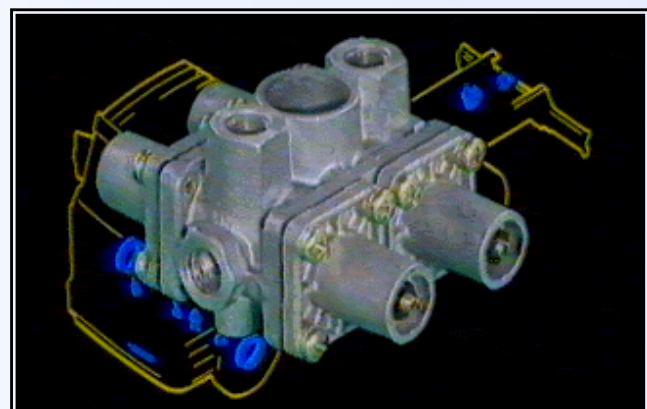
Supporting the practical exercises the specially designed e-Learning courses allow the underlying theory to be delivered 'on demand'.



The '**roll on-roll off**' methodology offers learners the opportunity to learn about air braking systems and their components as a pre-qualification exercise 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.



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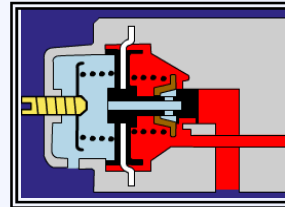
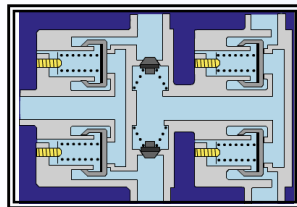
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COURSEWARE

The courseware offers the learner 'on demand' access to courses on the principles and troubleshooting techniques of Air Braking systems.

Each lesson consists of well thought out modules with clear text and supporting graphics. Simulations show how the various components work together in a real vehicle.

Troubleshooting exercises reinforce the theory learned and test the learner's comprehension of the subject matter. Animated simulations allow the learner to perform realistic diagnostic tests and measurements using simulated instruments.



TOPICS COVERED

- Introduction to Air Brakes
- Compression
- Circuit protection valves
- Operating control valves
- Proportioning control valves
- Actuation devices
- Air Brakes Theory Course
- Air drying with pressure regulation
- Pressure indication
- Reaction control valves
- Filtration and silencing
- Electronic Control Unit

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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