



Description

- Fully functional Wabco EBS system
- Functional pneumatic system
- Diagnosis through OBD 16 pole diagnostic socket
- Driving simulation
- 6 measuring gauges
- Fault simulation

A fully functional, truck trailer pneumatic braking system with WABCO EBS D 2S/2M is installed in the aluminum frame. The training stand is specially designed to demonstrate a pneumatic braking system with an electronic EBS system. The educational Tesca training stand is based on original Wabco components. The trainer is equipped with a functional WABCO EBS braking system and demonstrates different operation modes.

The truck trailer braking EBS system is a great educational tool that allows students to learn the structure of the pneumatic braking system, study its components, perform various measurements, tests, and other service and diagnostic procedures. Equipment for technical and vocational Tesca education and training.

The training stand can be used as a visual educational aid for students of mechanical subjects to demonstrate and explain the structure and components. Also, an Tesca training stand can be used as training equipment for brake system repair and service procedures.

Tesca braking system training stand is equipped with WABCO EBS modulator, pneumatic system, and ABS sensors. With the help of installed air pressure gauges, it is possible to monitor the pressure in the brake circuit of each wheel. Simulation of blocking (slipping) wheel in a drive mode allows the monitoring of the ABS system demonstration. With the help of installed pressure gauges, it is possible to monitor the brake force distribution.

The training board has an integrated ISO type diagnostic connector that allows the diagnostic tool to connect with and perform various measurements, tests, and other diagnostic procedures such as reading fault codes, displaying parameters of the operating systems, reprogramming and etc.

Note: Specifications are subject to change.

Technical Specifications and Functions

- Clearly visible fully functional truck trailers braking system and its components;
- A pneumatic braking system without calipers and heavy hardware, just the most important components of pneumatic and electronic systems
- Functional electronic EBS system;
- With installed pressure gauges can be monitored the pressure in the brake circuit of each wheel;
- Driving mode simulation;
- The training stand can be used for mechanical service and repair training
- Integrated emergency stop button
- Onboard 24V
- Compressed air connection

Control Unit Diagnosis

- Diagnosis of electronic WABCO EBS D 2S/2M system through ISO type diagnostic connector;
- Electronic control unit (ECU) identification;
- Reading/erasing fault codes;
- Displaying the operating system parameters (live data);
- Reprogramming possibility

Other

- Power supply: 220V, internal 24V
- CE certificate

Optional Accessories

- A diagnostic tool with cables
- Air compressor

Tesca training equipment is a great tool for professional teachers and technicians that helps explain to students of technical subjects how processes in Truck trailer WABCO EBS D 2S/2M braking system Educational Trainer AT0035 Tesca operate and its technology.

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