

Product Name :
ABS Braking System Training Board

Product Code :
AUTE0001



Description :

ABS Braking System Training Board

Technical Specification :

The training board-simulator is a great educational tool that allows students to learn the structure of ABS control system, study its components, and perform various measurements, tests and other diagnostic procedures. The Fully functional ABS electronic braking system is installed in a mobile aluminum frame. This training board-simulator is specially designed to demonstrate ABS braking system and operational structure.

The educational training board is based on actual automobile components.

The stand is equipped with a functional ABS braking system and shows the different operation modes.

The training brake rig can be used as visual aid for students of mechanical subjects to demonstrate and explain the structure and components.

Also, automotive training stand can be used as a educational equipment for the brake system repair and service procedures.

FEATURES:

Electric wiring diagram with built – in banana plug jumpers for measurements and simulation of the system's fault codes

Clearly visible fully functional braking system and its components

Cross diagonal hydraulic braking system with front and rear discs with calipers

Driving mode simulation

Brake rigs can be used for mechanical service and repair training

On-board diagnostic capabilities

Diagnosis through OBD 16 – pin diagnostic connector

Functional parking brake

Functional electronic ABS system

Functional brake booster

With installed pressure gauges can be monitored the pressure in the brake circuit of each wheel;

Electronic control unit (ECU) identification

Reading/erasing fault codes

Displaying the operating system parameters (live data)

Activating the actuators (Depends on the control unit)

SPECIFICATIONS:

The training board is equipped with a functional ABS braking system.

With installed pressure gauges it is possible to monitor the pressure in the main brake circuit and the individual pressure of each wheel.

The training board is equipped with original hydraulic brake system.

Just the brake pads of the brake drums are used instead of the brake discs, to Show better, when the pressure rises up and the braking moment starts.

The operation of the hydraulic circuit is shown on the stand in the pictures in different mode.

12 V Battery or 220/12 V power supply unit

Automotive oscilloscope

OBD Diagnostic scan tool

 **LAB ENGINEERING**

Elab Engineering Equipments Manufacturers