

Product Name :
Abs Braking System Training Board Simulator

Product Code :
AutomobileLab0001



Description :

Astra Scientific Abs Braking System Training Board Simulator

Technical Specification :

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 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 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
- 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;
- 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
- 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

Africa, USA, Dubai, UAE, Kenya Middle East, UK, Suppliers



Astra Scientific

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