



Description

- Fully functional system
- Diagnosis through OBD 16 pole diagnostic socket
- Open contacts for measuring system components and circuits
- Fault code simulations

A fully functional supplemental restraint system is installed in a mobile aluminum frame. This training board simulator is specially designed to help technical students understand the system's construction. The educational training board is based on Audi/VW OEM components. The stand is equipped with a functional car safety system SRS BOSCH AB 8.4 (AIRBAG).

The training board-simulator is a great educational tool that allows students to learn the structure of supplemental restraint system, study its components, perform various measurements, tests, and other diagnostic procedures. Equipment for technical and vocational Tesca education and training.

Technical Specifications And Functions

- The training board is equipped with a safety SRS BOSCH AB 8.4 (Airbag) system that includes four airbags, crash sensors, mechanism of airbag steering wheel module and spiral cable, front seat belts with igniters and tensioners, rear seat belts, and two control units
- Cutaway technology of the passenger's side airbag and control unit allows to see the structure of the components
- Integrated inactive airbag igniters (after activation)
- The training board is integrated with two safety system control units. The first one – functional – with diagnostic possibilities, the second – after activation, with recorded crash data
- Electric wiring diagram with built-in banana plug jumpers for measurements and simulation of system fault codes
- Ability to simulate more than 10 system faults by disconnecting Banana plug jumpers

Diagnostic and measurement

Note: Specifications are subject to change.

Oscilloscope/Multimeter

- System's parameters are measured by connecting to the banana connector
- Ability to measure electrical signal parameters of each system component
- Control unit diagnosis
- 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)
- Control unit encoding/configuration

Other

- The stand has a closed structure – internal wiring is not visible
- Power supply: 12 V from the battery (not included as standard accessory)
- Dimensions approx. (HxLxW): 1820x1360x500 mm
- Nett weight approx.: 60 Kg
- CE certificate
- Optional accessories
- 12 V Battery
- 220/12 V power supply unit
- Tesca oscilloscope
- OBD Diagnostic scan tool

Order number: AT0010

Tesca training equipment is a great tool for professional teachers and technicians that helps explain to students of technical subjects how processes in SRS Bosch AB 8.4 (Airbag) Educational Trainer operate and its technology.

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