



SRS BOSCH AB 8.4 (AIRBAG) EDUCATIONAL TRAINER

A7

Product number
MSSRS01



Fully functional SRS Bosch AB 8.4 Airbag training board simulator, housed in a mobile aluminum frame, is built with authentic Audi/VW OEM components, allowing students to explore and understand the intricacies of modern supplemental restraint systems (SRS). It offers practical insights into the construction and operation of car safety systems, including airbags and seatbelt tensioners.



Features

- Includes four airbags, crash sensors, airbag steering wheel module, spiral cable, and front and rear seat belts with igniters and tensioners.
- Exposes the structure of the passenger airbag and control unit.
- Functional control unit for diagnostics and a second unit with recorded crash data for study.
- Built-in banana plug jumpers for measuring and simulating system faults, with a detailed wiring diagram showing sensors, actuators, and connections.
- Enables connection to an oscilloscope/multimeter for measuring system parameters and performing comprehensive diagnostics through the OBD 16-pin connector.
- Capable of simulating over 10 system faults by disconnecting banana plug jumpers, enhancing troubleshooting training.





Value for Students

- Practical knowledge of the SRS Bosch AB 8.4 airbag system, including the structure and function of four airbags, crash sensors, airbag steering wheel module, and spiral cable.
- Diagnostics through the OBD 16-pin connector, enabling ECU identification, fault code reading/erasing, live data monitoring, actuator activation, and control unit encoding/configuration.
- Use banana plug connectors to measure electrical parameters of each system component with an oscilloscope or multimeter.
- Develop troubleshooting skills by simulating more than 10 system faults using banana plug jumpers, enhancing practical diagnostic abilities.
- Study the cutaway technology of the passenger side airbag and control unit to visualize internal structures and comprehend the integration of various safety components.
- Safe, durable and mobile construction with internal wiring for best learning experience and safe environment.



Value for Instructors

- Provides easy, safe, and comfortable training that builds confidence, using OEM components to offer a realistic car repair experience.
- Ensure a safe educational environment with inactive airbag igniters and closed internal wiring, preventing accidental damage.
- The mobile and compact design allows for easy setup and integration into classroom settings, promoting efficient use of space and resources.
- Board on castors version, which is mobile and space saving in the classroom, allows concurrent use by multiple students, promoting collaborative learning and practical training opportunities.
- The training stand is designed for simplicity, requiring only small adjustments to reset to default parameters, making it easy to prepare and start each lesson quickly and efficiently.

Specifications

- Dimensions: 1820 x 1360 x 500 mm (71.65 in x 53.54 in x 19.69 in)
- Weight: approx. 60 kg (132 lb)
- Power supply: 12V battery (optional accessory)
- Product Number: MSSRS01
- Optional Accessories: 12V battery, 220/12V power supply unit, automotive oscilloscope, OBD diagnostic scan tool