



# CAR AIRBAG SRS DEMONSTRATION EDUCATIONAL TRAINER

A7

Product number  
**MSAIRB01**

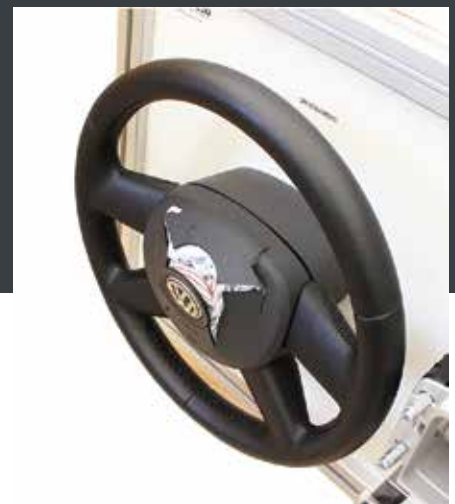


CAR AIRBAG SRS demonstration educational trainer shows the structure and operation of the car airbag SRS (Supplemental Restraint System). Trainer uses compressed air to simulate the expansion of the airbag, offering a safe and controlled environment for learning. Equipped with essential components like the driver's airbag, passenger airbag, and pyrotechnic elements.



## Features

- Demonstrates airbag expansion using a compressed air system, offering a safe and repeatable method to study airbag deployment.
- Includes a steering wheel with an integrated driver's airbag, a passenger airbag, and other critical elements like a pyrotechnic inflator device.
- All components are clearly visible, providing an unobstructed view of the airbag system's operation and structure.
- Equipped with a pneumatic valve and compressed air receiver, allowing students to engage directly with the airbag deployment process.
- Designed with safety in mind, using compressed air instead of pyrotechnic charges for demonstration purposes.





## Value for instructors

- Provides a clear and safe method to demonstrate the operation of airbag systems, enhancing classroom learning with visual and practical examples.

Uses OEM components to replicate real-world automotive

- scenarios, preparing students for professional diagnostic and repair tasks.
- Simple setup and operation with clear visibility of all components, ensuring efficient and effective teaching sessions.
- Compact, robust design allows for easy mobility within the classroom, promoting flexible teaching arrangements and long-term use.

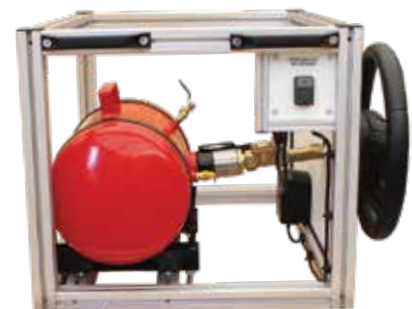
The training stand is designed for simplicity, requiring only small adjustments to reset to default parameters, making it easy to prepare and start each lesson quickly and efficiently.

Provides easy, safe, and comfortable training that builds confidence, using OEM components to offer a realistic car repair experience.



## Value for students

- Learn the principles behind airbag deployment, including the role of compressed air and pyrotechnic elements in inflating the airbag.
- Handling and diagnosing airbag systems using real components such as the driver's and passenger airbags, pneumatic valve, and inflation device.
- Study the integration and function of airbags within the vehicle's overall safety system, enhancing knowledge of automotive safety technologies.
- Understand and analyze the role of different components like the compressed air receiver, pneumatic valve, and air gauge in the airbag deployment process.
- Develop skills in setting up and operating airbag demonstration equipment, including connecting compressed air and monitoring air pressure.



## Specifications

- Dimensions: 860 x 760 x 500 mm (33.86in x 29.92in x 19.69in)
- Weight: Approx. 35 kg ( 77 lb)
- Power supply: ~ 230 / 110 V
- Components: frame; switch; steering wheel with airbag; inflation device; compressed air receiver; passenger airbag; pneumatic valve; nipple for connecting compressed air from the compressor; air gauge
- Product number: MSAIRB01

