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AIR BAG TRAINER AZA1246

The AZA1246 Air Bag Trainer is a comprehensive automotive safety system training platform designed to demonstrate the structure, operation, diagnostics, and fault analysis of modern Supplemental Restraint Systems (SRS).

Built using OEM automotive components, the trainer provides a realistic and fully functional learning environment for understanding automotive airbag systems while maintaining complete operational safety through a light-based deployment simulation system.

The trainer enables students and technicians to study:

- SRS system architecture
- Airbag ECU operation
- Crash detection logic
- Sensor functionality
- Diagnostic procedures
- Fault analysis and troubleshooting
- System reset and recovery

The AZA1246 is ideally suited for:

- Automotive engineering colleges
- Polytechnic institutes
- ITIs and vocational training centers

Automotive service technician programs

- Vehicle electronics laboratories

Its practical diagnostic capabilities and fault simulation functions make it an ideal platform for both theoretical instruction and advanced hands-on automotive safety system training.





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Key Features

Fully Functional SRS Training Platform

- Realistic automotive airbag system operation

OEM Automotive Components

- Industry-standard airbag system hardware

Safe Light-Based Deployment Simulation

- No explosive or pyrotechnic devices

OBDII Diagnostics Compatibility

- Supports professional scan tool training

Manual Fault Simulation System

- 10 preset diagnostic fault conditions

SRS Breakout Box

- Advanced signal testing and diagnostics

Removable Steering Wheel Module

- Enables practical service training

Printed Circuit Layout

- Simplifies learning and troubleshooting

Simulated Accident Function

- Demonstrates real deployment logic

Mobile Aluminum Training Frame

- Durable and classroom-friendly design



UNIVERSE TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA1246
System Type	Automotive SRS / Air Bag Trainer
Air Bag Simulation	Light-Based Deployment System
Diagnostic Capability	OBDII with OEM DTC Readout
Manual Fault Box	10 Preset Diagnostic Faults
Power Supply	220V AC Converted to 12V DC
Frame Material	High-Strength Aluminum
Dimensions (L × W × H)	1200 × 800 × 1400 mm
Weight	85 kg

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