



SRS AIRBAG SYSTEM TRAINER



DL DM23

AUTOTRONICS - DEMONSTRATORS

LEARNING EXPERIENCE

This demonstration panel represents the AIRBAG system construction allowing evaluation of its parameters.

The elements of a typical SRS system are a system controller, a frontal airbag, a passenger's airbag, side airbags, tensioners and sensors of side crashes.

GENERAL CHARACTERISTICS

- Dim. mm approx (HxLxW) : 1700x1000x500
- Weight approx. kg 150
- Power supply: AC 220V±10% 50/60 Hz
- Working temperature: -40°C ~ +50°C.

MAIN CHARACTERISTICS

The trainer includes the following elements:

- Ignition switch
- Control lamps of power supply
- Fuse unit
- Schematic diagram with break out box
- System control unit
- Diagnostic socket – OBD II
- Airbag assembly - driver
- Airbag assembly - passenger
- Airbag side assembly - driver
- Airbag side assembly - passenger
- Seat belt pretensioner
- Seat belt pretensioner
- Airbag crash sensor – driver
- Airbag crash sensor – passenger
- Schematic diagram of positioning of the elements inside of vehicle
- Instrument panel



OTHER CHARACTERISTICS

These elements of which it is composed enable diagnosing of the system:

- The fault simulation console enable the creation of breakdowns in selected circuits and the observation of the reaction of the control system to the occurred conditions.
- The subassemblies enable the diagnosis of the SRS system and of the modern control panel where the SRS airbag system warning lamp is located.
- The panel is equipped with an engine diagnostic connector for the installing of the diagnostic device, which enables the reading and the erasing of breakdown codes and current parameters plus the control of the control panel's indicators and many other functions

With this trainer can be possible to perform the following fault simulation exercises:

- Front Driver side, Airbag igniter test
- Seat Belt tensioner igniter - Driver side test
- Airbag igniter, Driver side test
- Airbag igniter, Passenger side test
- Seat Belt tensioner igniter, Passenger side test
- Front Passenger side, Airbag igniter test
- Crash Sensor side airbag, Driver side test
- Crash Sensor side airbag, Passenger side test