

Important attributes:

- Mobile training stand with functional built-up original components
- Diagnostic plugs for diagnostic testers
- CAN-BUS interfaces with strapping plugs for measuring and diagnosis
- For the demonstration of typical bus errors and to diagnostic exercises at least 8 errors can be switched over rocker switches into the system
- Work with PC supported CANBUS diagnostic systems



Description:

The training stand CAN-/LIN-bus is built-up on a mobile aluminum frame and contains the original instrument panel, driver and front seat passenger airbag, the complete lighting system and instrument lights of a Golf V. The system contains all control units e.g. like gateway, electrical system control unit, airbag, air conditioning system, instrument panel employment, driver and passenger door, etc.

For error circuit 8 pre-defined errors are integrated over rocker switches. Over the strapping plugs and the led out diagnostic plugs measuring and diagnosis are possible with testing sets.

Reference. The training stand is likewise available as variant with AUDI A6 or OPEL Astra components!

Order-number:

00S1 4021 Golf V
00S1 4023 Audi A6
00S1 4019 Opel Astra J

Technical Data:

Dim: approx. 2000x1200x1200 mm
Weight: approx. 80 kg

Optional accessories:

PC-Memory oscilloscope
PCAN-Adapter
LIN-CAN Monitor

Technical alterations are subject to change without notice!

© BBH Technische Anlagen GmbH, Hemer

Scope of delivery:

Original instrument panel Golf V with:

- Instrument panel with combination instrument and electrical starter lock
- Airbag - driver and front seat passengers
- Complete lighting system inclusive instrument lights
- Window lifter with comfort function
- Windshield wiper motor with LIN-BUS
- Control unit for climate, blower/ventilation - circulating air
- Central locking
- Golf V technology with CAN and LIN bus
- With electrical system control unit/Gateway etc.
- Door units with window lifter and mirror



Image shows the electrical system control unit



Image shows the Gateway control unit

Learning contents:

Lighting / Electrical system

- CAN-BUS: Light control / central locking / Comfort: Window lifter/ mirror
- LIN-BUS: Wiper control (*optional light / rain sensor*)
- Circuit of the main headlights with headlight leveling and headlight adjustment
- Direction indicator lamp, hazard warning system and horn
- Blower / ventilation and circulating air circuit - function visible
- Instrument lights
- *Optionally xenon headlights / curve light*

Airbag

- Structure
- Diagnosis
- Error tracing

Instrument panel employment

- Maintenance interval announcement
- Diagnosis
- Control member test

Others

- CAN drive available (airbag-combination instrument-electrical system control unit)
- Comparison between CAN drive and CAN comfort possible

Options

- Fog headlight
- Cornering light - static curve light
- Bi xenon with automatic headlight leveling
- Dynamic curve light



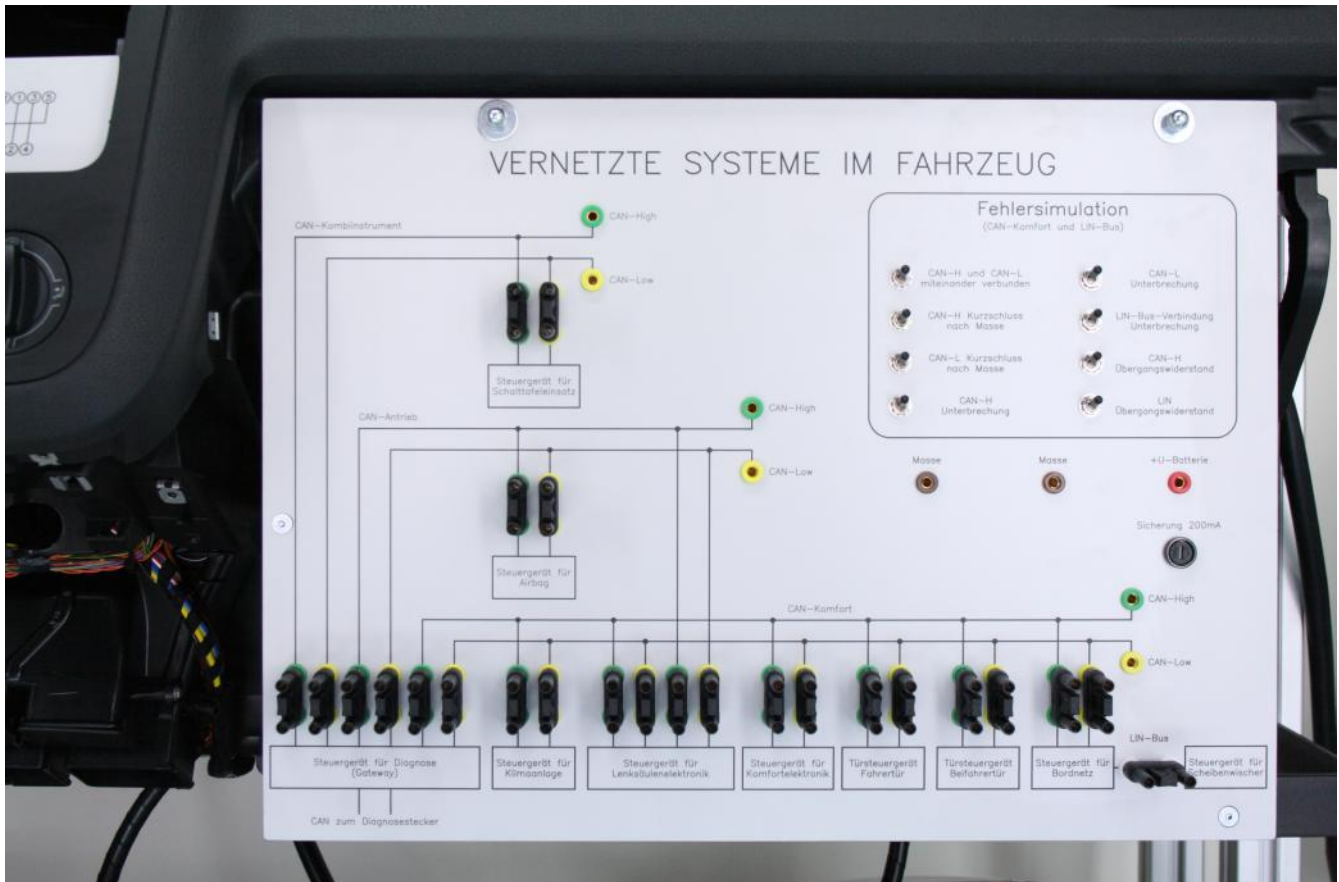


Image shows the rocker switches and plugs for measuring and diagnosis

Optional accessories:

CAN-BUS Analysis



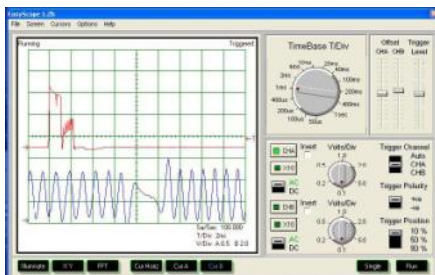
Illustration shows the overview of the CAN-BUS messages and presentation of a selected message as oscilloscope illustration.



Illustration shows the reproduction of the combination instrument with displays

- Connection over optional available CAN-BUS adapter
- Presentation of the signal process of a CAN-BUS message as logical and physical signal process
- Sending of messages - created by the user - over function keys

Digital Memory-PC-Oscilloscope



Program surface with controls of a real oscilloscope



USB-measuring adapter



Measuring cable with divider probe 1:10

- Oscilloscope, data logger, spectrum analyzer, voltmeter, frequency meter and wave form generator in one component
- Intuitive operation of the program surface as with a real oscilloscope
- Oscilloscope pictures can be stored and printed

Technical alterations are subject to change without notice!

© BBH Technische Anlagen GmbH, Hemer

Training stand variant Opel Astra J

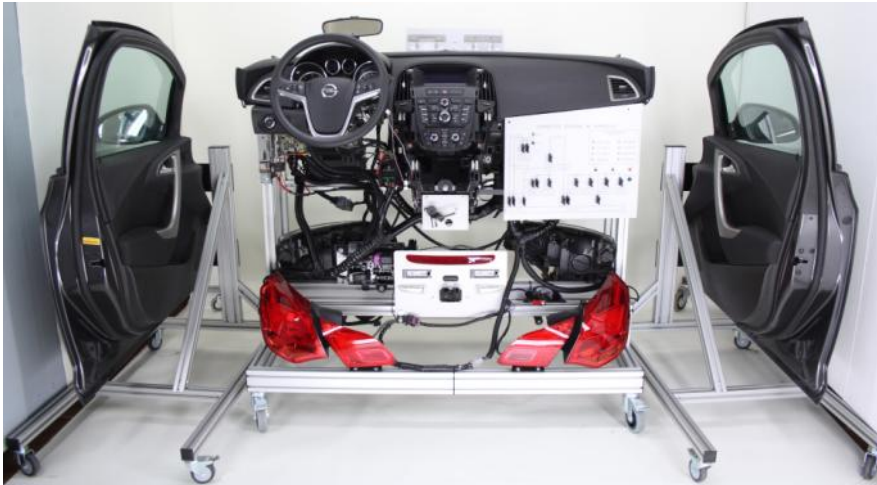


Image shows the training stand instrument panel CAN- / LIN-Bus with original instrument panel, driver and front passenger airbag, the complete lighting system and the instrument lighting of an Astra J.

Important attributes:

- Mobile training stand with functional built-up original components of an Opel Astra J
- Diagnostic plugs for diagnostic testers
- CAN-BUS interfaces with strapping plugs for measuring and diagnosis
- For the demonstration of typical bus errors and to diagnostic exercises at least 8 errors can be switched over rocker switches into the system
- Work with PC supported CANBUS diagnostic systems



Image shows the fuse box



Image shows board with tailgate elements and side turn signals as well as the rear electronics module

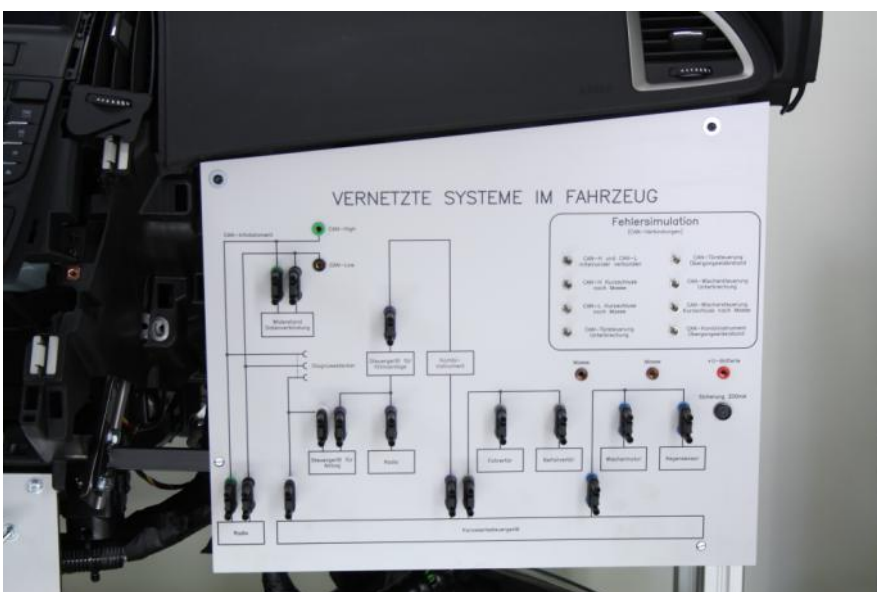


Image shows the rocker switches and plugs for measuring and diagnosis



Image shows the bodywork control unit

Technical alterations are subject to change without notice!

BBH Technische Anlagen GmbH
Phone: +49 23 72 / 90 93 - 0
Fax: +49 23 72 / 90 93 - 19

Email: info@bbh-hemer.de
Internet: www.bbh-hemer.de

© BBH Technische Anlagen GmbH, Hemer