

Networking automotive systems

A2.6.1.1
Networking
automotive systems: Lighting



Networking automotive systems: Lighting (A2.6.1.1)

Cat. No.	Description	A2.6.1.1
739 5821	Training panel lighting NG	1
738 027	Dig. Power supply 1 - 16 V/40 A	1
500 990	Adapter sockets, set of 2	1
739 581USB	CAN bus software USB	1
739 587	Software: CAN bus visualisation	1
739 588	LIN BUS PC interface USB	1
737 9803	OBD Adaptor CAN+USB	1
524 013S	Sensor-CASSY 2 Starter	1
524 081	LIN bus box	1
524 078	CAN bus box	1
738 9821	Safety experiment cables, set of 51	1
739 5835	FS vehicle door	1*
775 060EN	LIT: A2.6.1.1 Networking Lighting	1
739 5836	Vehicle door PS	1*

*additionally recommended

Modern vehicles can no longer do without networked systems. CAN bus, LIN bus, MOST bus and recently FlexRay command the communication between control units in the vehicle.

The training panel in automobile electronics consists of a modern instrument panel insert with electronic immobilizer, the full steering wheel electronics, the central control module for comfort system and the electronic and electric system. The lighting system and a windshield wiper motor round off the system. The basic vehicle electronics and modern data bus systems are clearly and simply represented. This approach places great value on the use of original vehicle parts. The focus is always on error detection, analysis and correction.

The following components are part of the training panel:

- the lighting unit
- the instrument cluster
- the electronic immobilizer
- the steering wheel electronics
- the control unit for automatic trailer detection
- a 13-pole trailer socket
- the central control module for comfort system (CAN bus)
- the electronic and electric system
- the windshield wiper motor
- the rain photosensor
- the relay strip
- the OBD diagnostic plug
- a CAN bus interface
- a fault switching box.

Models of a driver and/or passenger door can complement the training panel.