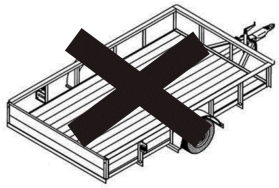
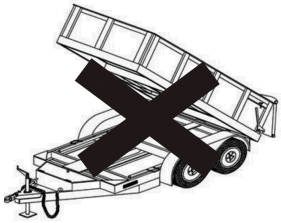
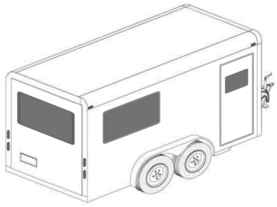
G13-ICM-KIT

Caravan power and battery charging kit

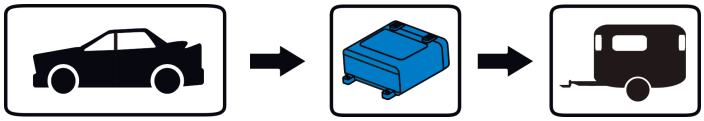


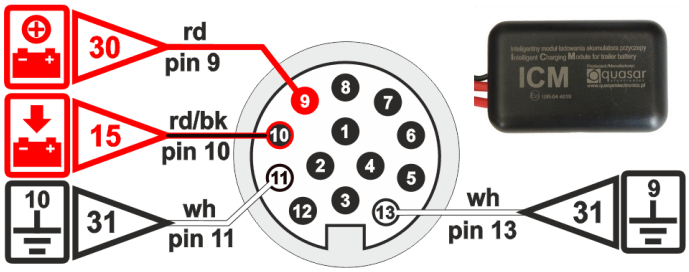




Application:

- caravans
- 13-pin trailer electric installation
- cars with +12 V electrical installation





Short description:

The G13-ICM-KIT is designed for providing the power supply and charging of the caravan battery through the 13-pin socket conforming to the ISO 11446 standard (power supply circuit: pin 9 - „+", pin 13 - ground; trailer battery charging circuit: pin 10 - „+", pin 11 - ground).

The kit is intended as an extension of the functionality of the trailer lighting control modules supporting 13-pin sockets but not equipped with power supply and trailer battery charging circuits.

The kit consists of the ICM control module and a wiring harness.

Charging the caravan battery is activated after the engine start and increase the voltage in the installation above the programmed value in range of 12.5..13.4 V, which prevents the vehicle battery from discharging.

Trailer battery charging circuit is protected with a 10 A fuse.

The kit is equipped with an autonomous power supply wire protected with 20 A fuse.

Main features:

- 13-pin trailer plug compatibility
- caravan power supply circuit
- caravan battery charging circuit
- detection of the voltage increase above programmed value (car engine start)
- turning on charging voltage adjustment in range of 12,5...13,4 V
- detection of charging circuit fuse damage
- interoperation with an optional 3-color LED display

Kit contents:

1. trailer wire harness (pins 9, 10, 11, 13)
2. power supply wire with fuse holder and 20 A fuse
3. ICM module with 10 A fuse
4. Cable connecting the ICM module with the trailer module

Complete checking of module correct connection is possible using the tester available in the manufacturer's offer

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