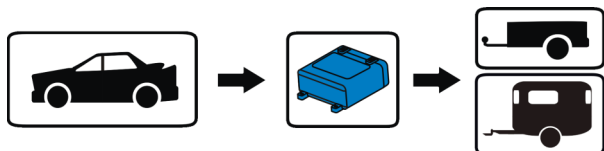


## Tow bar wiring kit with electronic module



### Application:

- Vehicles with 12 V electrical installation;
- Cargo trailers and caravans equipped with electrical installation with 13-pin plug (ISO 11446).



### Short description:

The module does not overload the lamps driving system of the car as the current consumption from signal inputs is approximately 1 mA, which excludes the malfunction of the car electronics systems.

The module is designed to interoperate with both traditional fiber bulbs and LED lamps for cars and trailers. The module uses a digital analysis of multiplexed control for all lights.

The sequential control of fog light enables turning on the trailer fog light while the car fog light is turned off.

The module has optional multicolor LED signaling the connection of trailer, turn indicators bulb damage (also acoustic warning) and turning on the trailer fog light.

Moreover, the module can control the car park distance control system.

In addition, the RC module version is equipped with a relay enabling various variants of the car parking sensor control.

### Assembly kit content:

- Control unit;
- Wiring harness;
- 13-pin trailer socket with seal and screws;
- 20 A fuse with holder;
- Assembly accessories.














### Additional accessories:

**RJ11-LED-5** — Three-color LED indicating the current status of the module functions and trailer lighting

**ICM** — smart trailer battery charging module. The charging starts when the vehicle engine is started

**PDC-SWITCH-OFF** — module simulating the button deactivating the factory parking sensor

### Main features:

-  **13** Interoperation with 13-pin trailer plug
-  Digital PWM signal analysis
-  Designed for mounting in vehicles with incandescent bulb or LED lamps and with a standard or multiplexed installation
-  Interoperation with trailer incandescent bulbs or LED lamps
-  Sequential switching on the trailer fog light
-  Sound signaling of the electric connection and disconnection of the trailer
-  Sound signaling of burnout of the trailer direction indicator bulb
-  Sound signaling of switching on and off the trailer fog light
-  Switching off the parking sensors with the trailer connected
-  Built-in PDC control relay (RC version only)
-  Interoperation with an optional 3-color LED display

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

