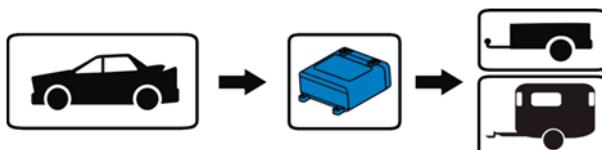


Tow bar wiring kit with electronic module



Application:

- Cars with 12 V electrical installation;
- Cargo trailers and caravans with 13-pin trailer plug (ISO 11446 / DIN 72570)



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.

Thanks to integration the output wiring harness with the 13-pin trailer socket, installation of module is fast and easy.

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 provides full operation of the 13-pin socket including power supply to the trailer (pins 9,13) and charging of the trailer battery (pins 10,11). Charging of the trailer battery is switched on when an increase in voltage in the vehicle's system above 12.6 V is detected (starting the vehicle's engine).

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.

Assembly kit content:

- Control unit;
- Output harness with 13-pin trailer socket;
- Input harness;
- Powering harness with 20 A fuse and holder;
- Trailer battery charging circuit relay harness;
- Assembly accessories



Additional accessories:



PDC-OFF

modules deactivating the factory parking sensors



LED-RGY-500

3-color LED indicating the current status of the module functions and trailer lighting

Main features:

-  13 Interoperation with 13-pin trailer plug (ISO 11446 / DIN 72570)
-  Trailer socket with connected output wires
-  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
-  caravan constant power function (pins 9, 13)
-  caravan battery charging function (pins 10, 11)
-  charging the trailer battery when a voltage increase above 12.6 volts is detected
-  Switching off the parking sensors with the trailer connected
-  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

