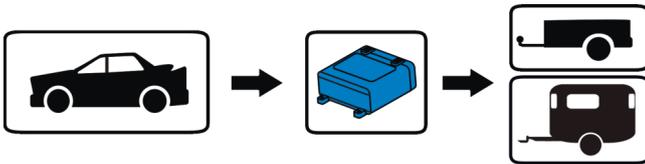


Tow bar wiring kit with electronic module



Application:

- Cargo trailers and caravans;
- 13-pin trailer plug.



Short description:

The module does not overload the lamps driving system of the car as the current consumption from signal inputs is approximately 2 mA, which excludes the malfunction of the car electronics systems. It may be connected to both a vehicle installation with incandescent bulbs and LED diodes.

The module detects the connection of a trailer equipped with both filament bulbs and LED lamps.

The sequential control of fog light enables turning on the trailer fog light while the car fog light is turned off. Turning on only the trailer fog light is possible by turning on and off the fog light switch. This function eliminates reflection from trailer front surface which could dazzle the driver.

Module MP5-DS-G13 has a function of detecting a trailer turn indicator blown bulb with optical and acoustic signaling as well as faster flashing of the car turn indicator light. It controls trailer battery charging and car parking sensor.

In addition, the three-color LED display indicates: connecting the trailer, turning on the trailer fog light, the trailer stop light and the fog light bulb failure, activating the trailer battery charging.

Assembly kit content:

- Control unit;
- A set of harnesses for connecting input signals, output signals and power supply;
- 3-color LED display with 5 m cable;
- 13-pin trailer socket with seal and screws;
- Assembly accessories.



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
-  Caravan battery charging after starting the engine (U > 13.0 V)
-  3-color LED display indicating the module work status

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

