

EN TPG - COMFORTABLE FLASHING OF DIRECTION MODULE • USER MANUAL

WARNING: Carefully read following instructions and technical specifications in this manual before installation. The system must be installed and used only according to this manual. The system is designed for vehicles with 12V power supply. It has to be connected to 12V output and to the ground. Neither producer or seller of the system is responsible for damages caused by incorrect installation, using or operating of this product. Unprofessional operation or modification of the system can damage the system alone, or the electric system of the vehicle and leads to warranty loss. For proper working of the system we recommend the installation to be made by authorized service.

SYSTEM DESCRIPTION

Tripping the modern comfort features flashing lights of the vehicle direction. After a short lever pressing direction lights will flash 3 times the unit will automatically turn signal indicator. TPG unit is designed as an additional module with a single connection for all vehicles with a positive control voltage directional lights and 12V on-board voltage. The control unit constantly monitors directional light. If it lights up at least 100 ms but not longer than 300ms, which means short pressing the lever controlling the directional lights, the processor immediately calculates the remaining time for the first flash, and now it still blinks 2x (number of flashes can be set up 2x or 3x). Features recalculating the remaining time may be incorrect in some vehicles so equipped tripping the switch to change the flashing speed. If one side is blinking directional lights, and activates the other side direction indicator lights, immediately stops flashing already outdated and is activated by the new party, which once again followed by a triple flash. When the lever is clamped directional lights (on) continuously, the unit does not respond TPG. With this device's enhanced resistance to activated warning lights and directional mainly the activation and increased speed.

I. SYSTEM INSTALLATION

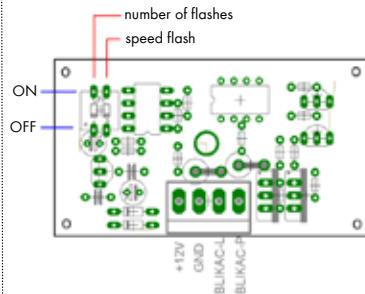
Installation is due to sophisticated design and unique program very simple and can be done even less skilled technician. Just connect the unit to the power supply (10-16V) and connect the directional light. On which one is right and the left side does not matter, it recognizes the unit itself. Power has to be installed where the voltage is only switched on the ignition to keep the drive was not powered. Power supply is 10-16V, 5A power up! In some vehicles with flashing speed can vary depending on the test lamp burned. Test significantly affects the speed of light bulbs flashing, but it certainly will not cause malfunction of the unit. TPG is a fully functional test fired with light bulbs..

II. CHANGE OF TPG SETTINGS

Inside the unit is DIP switch, which you can set the number of flashes 2x, 3x, or change the flashing speed. The production of these switches are always turned off, set a slower speed flash having a flash 2times. The number of flashes 2x is chosen deliberately, because a flash is using a lever and the remaining 2 flash flash unit TPG.

To change the settings, follow these steps:

1. Carefully dismount all 4 screws from the underside of the TPG. The damage caused by careless handling lose your warranty!
2. Carefully remove the back cover, which is mounted on the board with components. PCB not disassemble!
3. The upper left corner of the plate is located DIP switch (see picture), which can be configured.
4. SWITCH NUMBER 1: When set on, then set the number of flashes 3x. If it is off, it's a set number of flashes 2x.
5. SWITCH NUMBER 2: When set on, then set the flash mode faster. If OFF is set to slow blink mode.
6. If unit set, fold it carefully and with sensitivity screw all 4 screws. The unit is immediately operational after connection.



TECHNICAL PARAMETERS	
Voltage	12V +/- 20%
Working temperature	-40°C - 60°C
Quiescent current consumption	20 mA
Max. current rating	5A

III. WIRING DIAGRAM

