

## Installation and Operating Instructions mo.blaze edge

Thank you very much for choosing a high quality product from motogadget. All products produced by our company are designed and manufactured in Germany.

Please read the following instructions carefully and follow them when installing your turn signals.

**THE ONLY INTENDED USE OF THE MO.BLAZE EDGE WITHIN THE EU DEPENDING ON MODEL IS THE MOUNTING AT REAR WITH FUNCTIONS TURN SIGNAL, BRAKE LIGHT AND REAR LIGHT OR THE MOUNTING AT FRONT WITH FUNCTIONS TURN SIGNAL AND POSITION LIGHT. PLEASE FOLLOW ALL MOUNTING INSTRUCTIONS.**

**MAKE SURE TO DISCONNECT THE BATTERY WHEN PERFORMING ANY WORK ON THE ELECTRICAL SYSTEM AND MAKE SURE THE VEHICLE IS IN A STABLE POSITION.**

**WHEN IN ANY DOUBT ABOUT THE CORRECT MOUNTING OR CONNECTION RESPECTIVELY, CONTACT A TECHNICIAN. PROPER MOUNTING IS ACHIEVED BY A DURABLE FASTENING ONLY. IMPROPER FASTENING CAN CAUSE ACCIDENTS AND PERSONAL INJURY. MOTOGADGET WILL NOT BE LIABLE FOR ANY DAMAGE CAUSED BY INCORRECT MOUNTING, REVERSE POLARITY OR EXCESS VOLTAGE.**

**A RUBBER ELEMENT CONNECTS THE FASTENING THREADS TO THE LAMP ASSEMBLY, SERVING AS VIBRATION DAMPENER AND, IN CASE OF EXCESSIVE BENDING LOADS, AS A PREDETERMINED BREAKING POINT. WITH A BENDING ANGLE LARGER THAN 30°, DAMAGE WILL OCCUR TO THE RUBBER ELEMENT.**

**THE METAL HOUSING ATTEND TO RADIATE THE THERMAL LOSSES OF THE USED HIGH PERFORMANCE LEDS. THEREFORE THE HOUSING MAY GET HOT DURING OPERATION. THE HOUSING MUST KEEP FREE IN ORDER TO PROVIDE FREE AIRFLOW. HOUSING MUST NOT INTEGRATE, MEANS COVERING, ATTACHING GLUE OR OTHER MATERIALS OR DOING OTHER MODIFICATIONS. FASTENING MUST BE DONE AT M8 THREADED BLOT ONLY.**

**THE TURN SIGNAL CASING MUST NOT BE MODIFIED OR OPENED. IN CASE OF MECHANICAL MODIFICATION, ALL WARRANTY CLAIMS WILL BECOME VOID. IN CASE OF UNINTENDED USE, ALL WARRANTY CLAIMS WILL BECOME VOID. MOTOGADGET WILL NOT BE LIABLE FOR ANY DIRECT OR INDIRECT DAMAGE OR SUBSEQUENT DAMAGE OF ANY KIND RESULTING FROM THE USE, INSTALLATION OR CONNECTION OF THE DEVICE OR OTHER DELIVERED EQUIPMENT. THIS EXCLUSION OF LIABILITY APPLIES TO, INCLUDING BUT NOT LIMITED TO, PERSONAL, MATERIAL AND FINANCIAL DAMAGES.**

### Mounting instructions

The only correct mounting of the mo.blaze edge is horizontally in a 90° angle perpendicular to the direction of travel. The permitted minimum distance between road and turn signal is 350mm, the maximum distance is 1200mm. Marking at the housing shows always to the ground.

#### Use as front lamp

Diffuser lens is fitted in the direction of travel. The minimum distance between headlight and turn signal may not be less than 75mm. The permitted minimum distance between left and right turn signal is 240mm. Only the front approved light apply (housing marked with "11").

#### Use as rear lamp

Diffuser lens is fitted in the opposite direction of travel. The permitted minimum distance between left and right turn signal is 180mm. Only the rear approved light apply (housing marked with "12").

**IMPROPER TURN SIGNAL MOUNTING OR ORIENTATION CAN CAUSE ACCIDENTS AND MIGHT RESULT IN EXPIRY OF THE VEHICLE OPERATING LICENCE.**

### Mounting

Remove the existing turn signal assemblies. Drill a 8,2mm hole for mounting of the fastening threads. Deburr the hole thoroughly, route the connector cable through hole and secure fastening threads with M8 nut. The maximum torque is 4 Nm.

### Connecting

#### Front

Strip the three connecting cables on lamp and vehicle for about 10mm each. Twist the positive vehicle turn signal wire to the yellow wire of mo.blaze edge, insert it into the supplied crimp terminal and crimp. Repeat this step for black mo.blaze edge wire with vehicle earth and brown mo.blaze edge wire with switched +12V.

#### Rear

Strip the four connecting cables on lamp and vehicle for about 10mm each. Twist the positive vehicle turn signal wire to the yellow wire of mo.blaze edge, insert it into the supplied crimp terminal and crimp. Repeat this step for black mo.blaze edge wire with vehicle earth, brown mo.blaze edge wire with rear light and red mo.blaze edge wire with brake light.

**MAKE SURE THERE WILL BE NO TENSILE FORCES ON THE CONNECTOR CABLES. TENSILE FORCES COULD CAUSE THE CABLE TO BE PULLED OUT OF LAMP CASING OR FRAYING AT THE FASTENING THREADS. ENSURE SUFFICIENT CABLE LENGTH. CABLE INSULATION DAMAGE CAN RESULT IN SHORT CIRCUITS AND CABLE FIRE – RISK OF FATAL INJURY!**

### Initial operation

If all mounting instructions have been followed, the lamp signal assemblies are properly mounted and comply with the legal requirements. The mo.blaze edge is ECE approved, there is no need for inclusion in the vehicle documents. No need for carrying the relevant documents when travelling.

Test the proper operation of the turn signals. In case of modified flashing frequency or flashing of all four turn signals respectively, please order an electronic, load independent flasher relay (e.g. mo.flash, motogadget product number 4000010).

***The motogadget team wishes you pleasant and safe riding, and lots of fun with your new mo.blaze turn signals.***