

## Installation and Operating Instructions m-blaze pin

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 M-BLAZE PIN WITHIN THE EU IS THE MOUNTING AS FRONT OR REAR TURN SIGNAL ON MOTORBIKES. 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.**

**DO NOT REMOVE THE CABLE INTEGRATED METAL TUBE! OPERATION WITHOUT THIS PART OR REVERSE POLARITY OR SWAPING TUBE INPUT WITH OUTPUT WIRES WILL DESTROY THE TURN SIGNALS HIGH POWER LED .**

**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. THE MOTOGADGET COMPANY WILL NOT BE LIABLE FOR ANY DAMAGE CAUSED BY INCORRECT MOUNTING, REVERSE POLARITY OR EXCESS VOLTAGE.**

**THE FASTENING THREAD AT THE TURN SIGNAL WHICH IS MADE OF ALUMINUM AND HOLLOW-BORED IS NOT SUITABLE TO CONNECT SUPPORTING VEHICLE PARTS. THE MAXIMUM TORQUE IS 4 NM.**

**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 m-blaze pin is horizontally in a 90° angle perpendicular to the direction of travel. The light is emitted from the area labelled "E1". The permitted minimum distance between road and turn signal is 350mm, the maximum distance ist 1200mm.

#### *Use as front turn signal*

Make sure the area labelled "E1" 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.

#### *Use as rear turn signal*

Make sure the area labelled "E1" is fitted in the opposite direction of travel. The permitted minimum distance between left and right turn signal is 180mm.

**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

Strip the two connector cables on turn signal and vehicle for about 10mm each. Twist the positive vehicle lead to the red lead on your m-Blaze, insert it into the supplied crimp terminal and crimp. Repeat this step for other connector cable.

Make sure there will be no tensile forces on the connector cables. Tensile forces could cause the cable to be pulled out of turn signal 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!!**

**A METAL TUBE IS INTEGRATED IN THE CONNECTING CABLE. THIS PART CONTAINS THE DIGITAL POWER SUPPLY CIRCUIT TO FEED THE TURN SIGNAL HIGH POWER LED (INTENSILED). THIS PART IS NOT A RESISTOR. IT IS POSSIBLE TO CHANGE THE POSITION OF THIS TUBE AT THE CABLE.**

**IMPORTANT ! DO NOT REMOVE THIS PART. DO NOT REVERSE POLARITY OF CONNECTION CABLES. DO NOT ACCIDENTLY SWAP TUBE INLET WITH OUTLET WIRES (SEE TUBE MARKING) THIS WILL DESTROY THE LED IMMEDIATELY.**

### Initial operation

If all mounting instructions have been followed, the turn signal assemblies are properly mounted and comply with the legal requirements. The m-Blaze pin turn signals are 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. m-Flash, motogadget product number 4000010).

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