



Instruction manual

mo.switch plain

push-button unit



V1.0

THIS PRODUCT CAN HANDLE CURRENTS OF MAX. 1A AND IS NOT SUITABLE TO SWITCH LOADS DIRECTLY. LOADS MUST BE SWITCHED BY A ELECTRONIC SWITCHING MODULE (i.e. MO.UNIT).

Thank you very much for purchasing a high quality motogadget product - Made in Germany.

Please read the following informations and recommendations **thoroughly** and follow these instructions during installation and use of the product. No liability shall be assumed by motogadget for damage or defects resulting from negligence or failure to follow the operating and installation guide.

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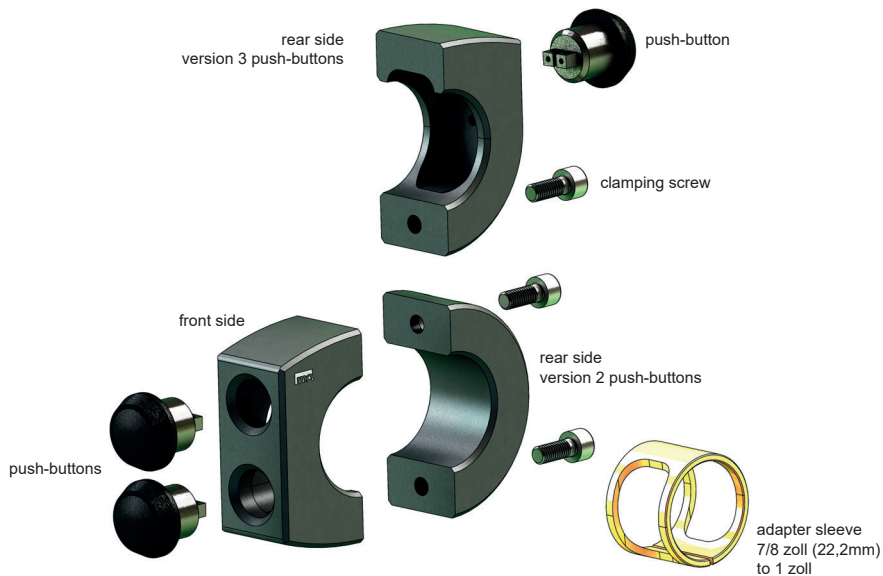
2 Exclusion of Liability

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3 Safety Advice

- Before starting any work on the vehicle electrical system, the battery must be completely disconnected. To do this, first the negative pole and then the positive pole are separated. When reconnecting, do it in reverse order.
- It is not possible to use the mo.switch on vehicles with a battery positive pole connected to vehicle ground (older English motorcycles).
- The mo.switch is compatible with 7/8 inch (22.2mm) and 1 inch handlebar diameters. Installation on 22mm handlebars is not possible.
- The cable cross section used must not exceed 0.5 mm².
- Only ground signals may be switched via the buttons; switching +12V signals is not permitted.
- The clamping screws of the cable terminals must be fully screwed in, otherwise contact with the handlebar tube is possible.
- To avoid scratches, screw the buttons into the housing by hand and do not use any tools.
- The clamping gap is formed by the front part into which the buttons are screwed. This means that if the clamping gap points upwards, turn the front part by 180°.
- If no clamping is achieved when using the 3 button version, check that the clamping gap is facing downwards and the rear button showing upwards.

4 Setup

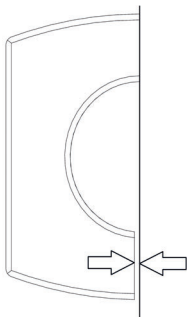


5 Installation

Please note:

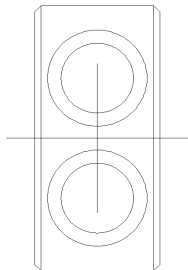
One face on the front side is shorter to form a clamping gap.

This side must face down.



Stepp 1 of 3

Place both sides of the mo.switch onto the handlebar and slightly tighten the screws on the back so that the unit is not yet clamped. Slide the unit into its final mounting position and mark this location on the handlebar with a pen. Drill a 5mm hole in the center of the mark. Drill another 5mm hole in the bottomside of the handlebar center. Carefully deburr all holes on the inside and outside of the handlebar with a small round file.

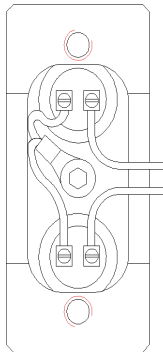


Stepp 2 of 3

Strip the connection wires and connect them to the push-buttons with the terminal screws.

Make sure the terminal screws do not stand out too far, otherwise they can touch the handlebar and cause a short circuit. If necessary, shorten the clamping screws.

If required, two button wires can be combined as a ground outlet using the ring eyelet provided and attached to the housing M3 thread with the provided M3 screw. If the housing is anodized, the anodized layer must be removed at this point. There must also be a ground connection from the mo.switch housing to the handlebars and from the handlebars to the vehicle.



Stepp 3 of 3

Lead the wires through the hole into the handlebar and out through the central hole.

Place the two sides of the mo.switch on the handlebar.

Make sure the shorter face of the front side points downwards and no cables are squeezed between the handlebars and the housing.

First tighten the upper clamping screw with 3 Nm so that the front side and back side touch and thus form the clamping gap at the bottomside.

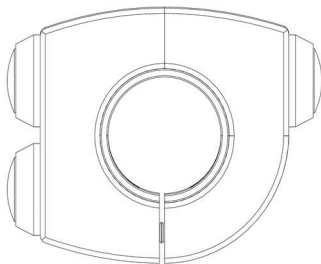
Now gently tighten the clamping screw on the bottomside until the mo.switch clamp securely onto the handlebar.

Attention!

For the version with 3 buttons and only one clamping screw, the shorter face of the front side must point downwards and the rear part push-button must point upwards.

For the version with 3 buttons and mounting on 7/8 inch (22.2mm) handlebars, a torque of 4 Nm is required.

Installation on 22mm handlebar diameters is not possible.



Declaration of Conformity

Hereby, motogadget GmbH declares the product is in compliance to EU directives.
The full text of the EU Declaration of Conformity is available at the following internet address:

<https://manuals.motogadget.com/mo-switch-plain>

