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# Instruction manual

mo.view

glassless rear mirror



V1.4

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 installations 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.

motogadget GmbH Wollenberger Str. 4i/j 13053 Berlin, Germany Tel. +49 (0)30-6900410-0 motogadget.com service@motogadget.de Copyright © 2017-2025 motogadget GmbH, Berlin. motogadget and mo.view are registrated trademarks of motogadget GmbH, Berlin, Germany

## **1 Review of Delivery**

Every motogadget product is delivered in perfect working order. Please check that the goods you received have not been damaged in transit. If there is any damage or the packaging has been opened, please contact us immediately. Our general terms and conditions apply. If a return is agreed with us, please ensure that we only accept goods in their original package and without signs of use within the statutory periods. We accept no liability for returns that are inadequately insured or packaged.

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# **3 Features**

motogadget mo.view mirrors are unique. They are made from one piece of aluminum and are unbreakable, super thin, frameless and many times lighter than conventional glass mirrors. The lower weight reduces the vibrations of the mirror and thus significantly improves the view.

The reflecting surface is milled directly into the aluminum body by diamond cutting tools and then coated with a wafer-thin, glassy layer of silicon dioxide (SiO2). This coating is UV, weather and chemical and abrasion resistant.

A object viewed in a glass mirror was reflected two times. First time at the glas surface and second time in the reflective coating at the bottom side of the glass plate. This is causing a slight unsharp image. Because a object viewed in a metal mirror is reflected only once, the visible image is sharper and appears clearer.

### 4 Handling glassless mirrors

Despite the coating ensures abrasion resistance, glassless mirrors are more sensitive than glass mirrors.

Contact with hard objects may damage the mirror surface. The protective film must remain on the mirror during installation. The film may only be removed after the attachment to the handlebar is done.

Metal objects such as jacket zips, helmet buckles, watch straps, rings, rivets, keys, vehicle parts etc. can damage the mirror surface. Do not put your helmet on the mirrors, the metal helmet buckle may scratch the mirror surface.

Cleaning the mirror with water, soap and a soft cloth only. Do not use abrasive cleaning agents or hard objects.

#### **5** Vibrations

The handlebars are stimulated to vibrate by motor vibrations. Changing the handlebar configuration, i.e. changing the weight, particularly at the end of the handlebars, can lead to an increase in vibrations in the grip area.

Permanent, strong vibrations in the grip area can lead to numbness in the hands, reduced visibility in the rear-view mirror or even breakage of the mirror arm.

If strong vibrations occur in the grip area after removing handlebar end caps, grips, shortening the handlebars, etc., handlebar weights are required to reduce these vibrations.

#### 6 Installation - 110 / 150 / 180mm stem



Part of delivery are 3 screws: M10x1.5 / M10x1.25 (one groove at head) and M10x1.25 left-hand thread (two grooves at head).

Grease the thread of the M10 screw well before mounting.

After aligning the mirror, the M10 screw is tightened with a torque of **20Nm** and the M6 screw in the mirror arm with a torque of **8Nm**.

#### 7 Installation - pivot clamp with 110mm stem



Remove the M5 clamping screw from the clamp and open the clamp. Find a suitable place on the handlebars and put on the clamp and tighten the M5 clamping screw to **4Nm**.

After aligning the mirror arm, the M6 mirror arm screw is tightened with a torque of 8Nm.

#### 8 Installation - 130mm arm



After aligning the mirror, the M5 clamping screw inside the arm is tightened with a torque of 4Nm.

The mirror arms are made of anodized aluminum. The high-quality surface is ceramic like and very hard, but can still be worn away by permanent friction contact with gloves.

Select the mirror location so that your gloves cannot come into contact with the mirror arms.

### 9 Installation - 60mm arm



#### **Standard Version**

The mirror must be aligned above the handlebar. The vertical distance between the ball head and the clamp must be 40mm. After aligning the mirror, the M6 clamping screw in the arm is tightened with a torque of 3Nm.

#### Version with Flip - mechanism

Thighten the M6 screw for clamping the handle bar with **3Nm.** Thighten the M5 screw in the mirror stem with **5Nm**.

# The adjustment function <u>only</u> works with the toothed disc installed and the correct tightening torque applied.



#### 10 Installation - 50 mm arm



#### **Standard Version**

After aligning the mirror, the M5 clamping screw in the arm is tightened with a torque of **3 Nm**.

#### Version with Flip - mechanism

Thighten the M6 screw for clamping the handle bar with **3 Nm.** Thighten the M5 screw in the mirror stem with **5 Nm**.

The adjustment function <u>only</u> works with the toothed disc installed and the correct tightening torque applied.



We hope you enjoy your new rear view mirrors and look forward to your positive review.

Should you ever be unsatisfied, please give us the chance to correct it and contact us directly at support@motogadget.de