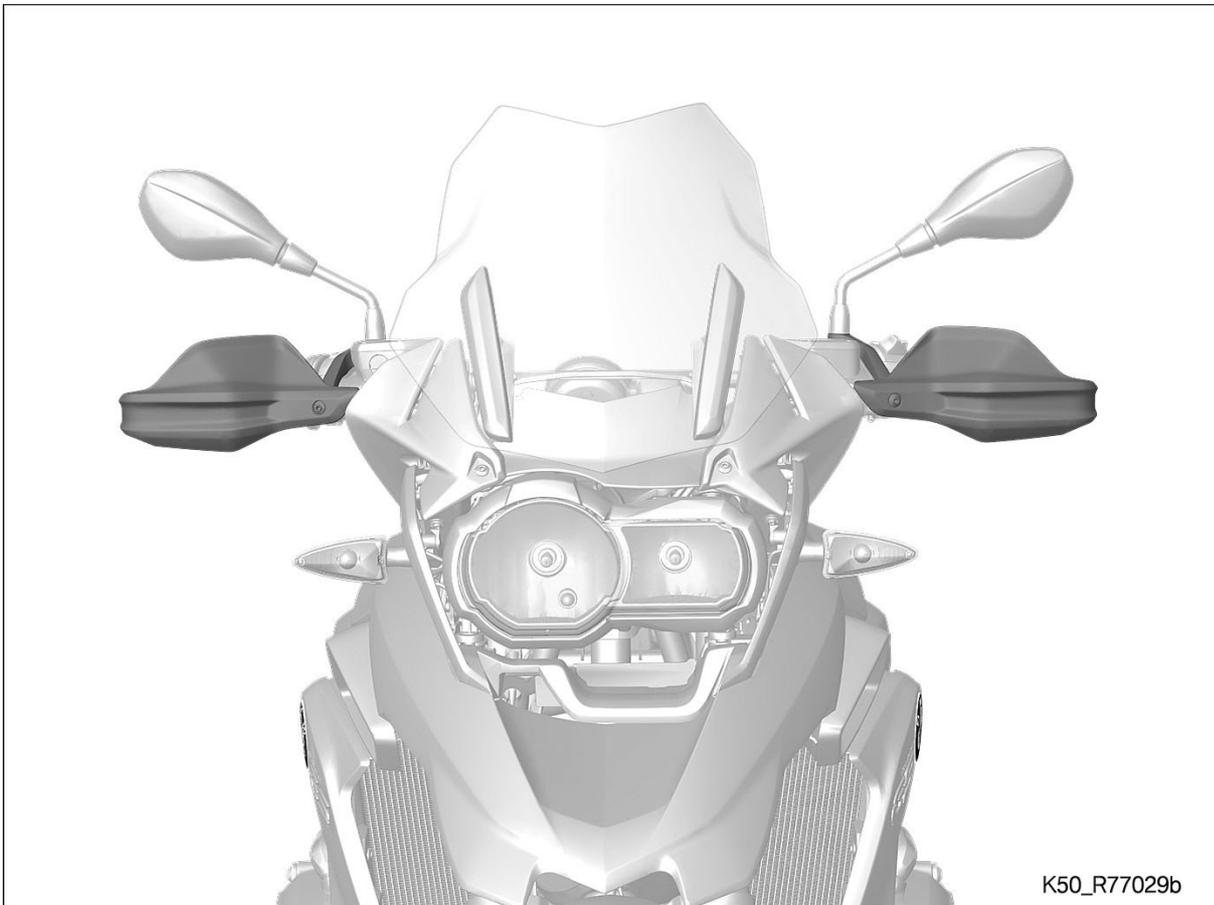


# BMW Motorrad

## Installation Instructions

### Hand protectors



**Before commencing work, you must read these installation instructions through carefully and make sure you understand them fully.**

We congratulate you on your choice of optional accessories from BMW Motorrad that will enable you to customise your motorcycle in accordance with your personal preferences.

Safety is invariably an essential prerequisite for extracting full benefit and enjoyment from new accessories. Some work calls for special tools and possibly a thorough knowledge of motorcycle technology. If you are in doubt consult a specialist workshop, preferably your authorised BMW Motorrad dealer.

The range of products we offer includes a very wide variety of type-tested accessories and optional extras, and on account of this diversity all the possible equipment variants cannot be taken into account in these installation instructions. Consequently, the descriptions are restricted to the basic version of the model in question. The procedures for removing and installing other accessories possibly fitted to your motorcycle are described in the installation instructions supplied with the components. Consult your authorised BMW Motorrad dealer if you no longer have access to the sets of instructions you need.

If you have questions concerning your motorcycle or any of the accessories from our range, your authorised BMW Motorrad dealer will gladly provide advice and assistance.

We at BMW Motorrad hope you will enjoy riding your BMW and that all your journeys will be pleasant and safe.

#### The symbols used to draw attention to safety instructions in this manual are as follows:



**Warning**

This symbol stands for precautions and measures which are essential in order to protect the rider and other persons from possibly severe or fatal injury.



**Attention**

Specific instructions and safety precautions intended to prevent damage to the motorcycle and accessories. Non-compliance can void the warranty.



**Note**

Specific instructions on how to operate, control, adjust or look after items of equipment on the motorcycle.



**Tightening torque**

Screws, bolts and nuts are tightened in accordance with the applicable DIN/ISO standards. Tightening torques that deviate from the standards are stated. Non-compliance can result in damage to the motorcycle or accessories or can endanger the rider.

► Start of the main activity

▷ Start of the secondary activity

• Instruction

◄ End of the main activity

◁ End of the secondary activity

◇ End of validity designation CS (construction status), OE (optional extra) or OA (optional accessory)

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# Hand protectors

## Requisite tools

- Open-ended spanner, w/f 14
- Set of Torx wrenches
- Torque wrench



## Scope of supply

- Hand protector, left
  - Hand protector, right
  - Bracket, left
  - Bracket, right
  - Bushing
  - washer
  - Body-panel screw, M5
  - Flat nut, M5
- |      |
|------|
| 2 of |
| 2 of |
| 2 of |
| 2 of |

## General instructions

### Attention

If it is not standing firmly, the motorcycle could topple in the course of the operations described below. Always make sure that the motorcycle is stable and firmly supported.

### Warning

Attempting to adjust the mirror while riding the motorcycle can lead to accidents. Do not attempt to adjust the mirror unless the motorcycle is at a standstill.

### Warning

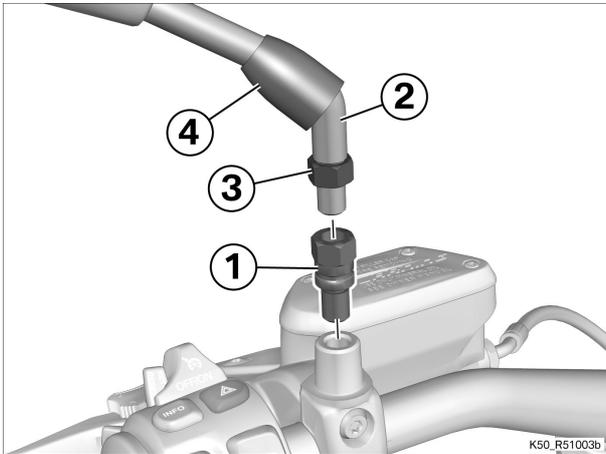
Restricted movement and operation of brake lever, clutch lever, throttle twistgrip and handlebar lock-to-lock arc if motorcycle is dropped or topples.

If the motorcycle is dropped or topples, check that there is no restriction of movement and operation of the brake lever, the clutch lever and the throttle twistgrip, and check that the handlebars can be moved freely through the full arc of their travel.

If the check reveals restrictions of any kind, before the motorcycle is remounted the hand protectors/handlebar weights must be adjusted, repaired, replaced or removed as necessary so as to ensure that all movements are unrestricted and all controls are in full working order.

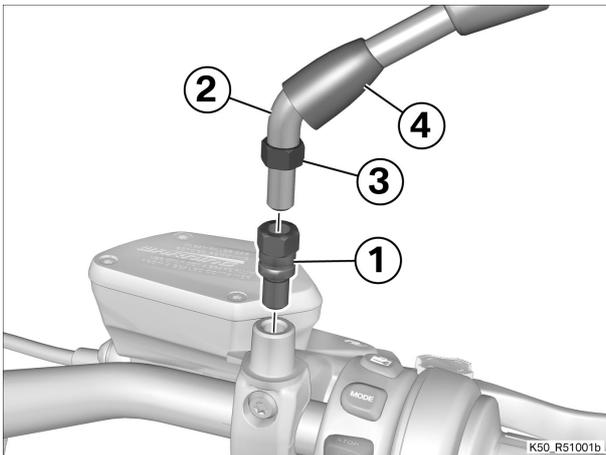
## 77 32 001 Installing hand protector, left and right

# 1



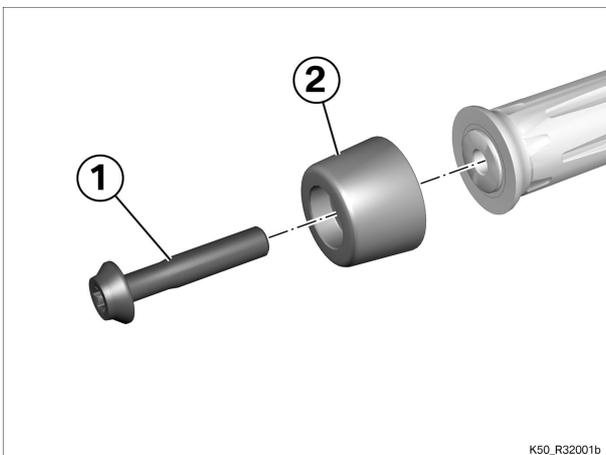
### ► Removing both mirrors

- Push back cover (4).
- Turn locknut (3) **clockwise** to slacken.
- Remove left mirror (2) and left/right adapter (1).



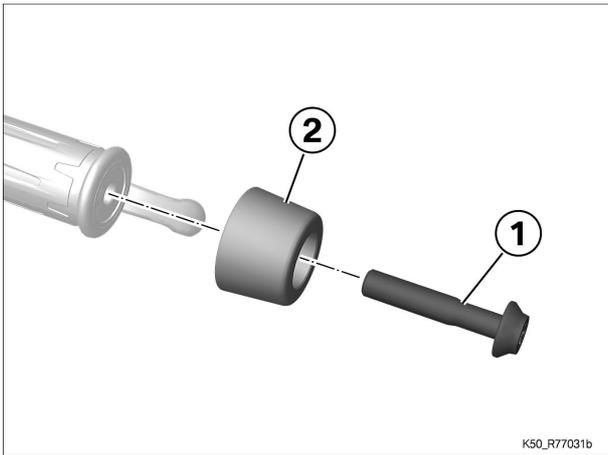
- Push back cover (4).
- Turn locknut (3) **clockwise** to slacken.
- Remove right mirror (2) and left/right adapter (1).

# 2



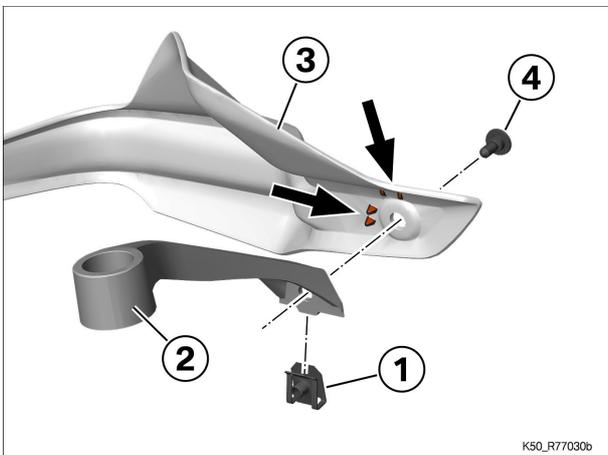
### ► Removing both handlebar weights

- Remove screw (1) and left handlebar weight (2).



- Remove screw **(1)** and right handlebar weight **(2)**.

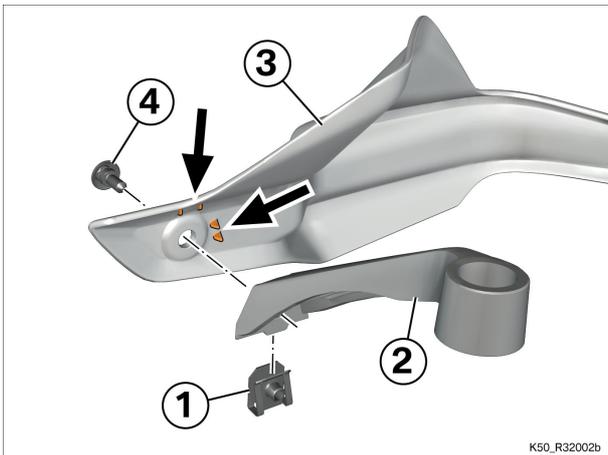
### 3



#### ► Assembling hand protector, left and right

- Install flat nut **(1)**.
- Position bracket **(2)** at the anti-twist stops **(arrows)** of left hand protector **(3)**.
- Install screw **(4)**.

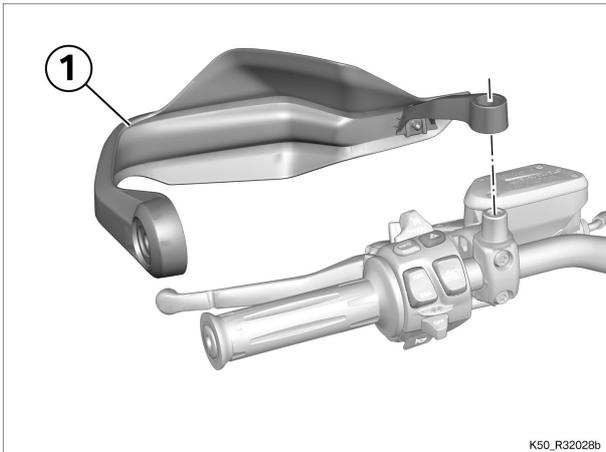
| Tightening torques        |      |  |
|---------------------------|------|--|
| Bracket to hand protector |      |  |
| M5 x 14,5                 | 2 Nm |  |



- Install flat nut **(1)**.
- Position bracket **(2)** at the anti-twist stops **(arrows)** of right hand protector **(3)**.
- Install screw **(4)**.

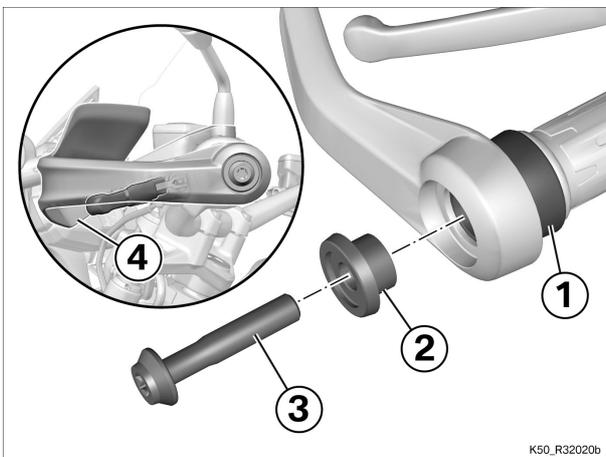
| Tightening torques        |      |  |
|---------------------------|------|--|
| Bracket to hand protector |      |  |
| M5 x 14,5                 | 2 Nm |  |

# 4



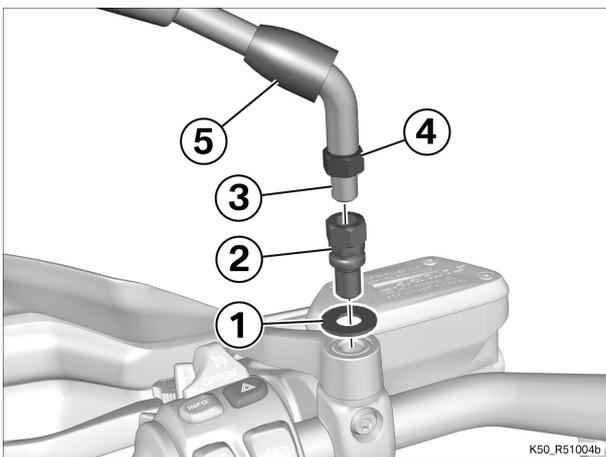
## ► Installing left hand protector

- Place left hand protector (1) in position.



- Install handlebar weight (1).
- Insert bushing (2) with screw (3).
- Correctly position left hand protector (4).
- Tighten screw (3), making sure that left hand protector (4) does not twist out of position.

| 🔧 Tightening torques          |       |  |
|-------------------------------|-------|--|
| Handlebar weight to handlebar |       |  |
| M10 x 50                      | 40 Nm |  |



- Install washer (1).
- Install adapter (2).

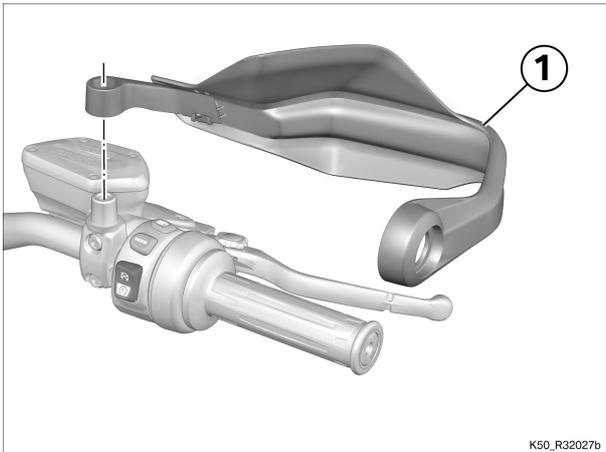
| 🔧 Tightening torques      |       |  |
|---------------------------|-------|--|
| Adapter to clamping block |       |  |
| M10 x 14 - 4.8            | 25 Nm |  |

- Install mirror (3) and adjust it to the correct position.
- Tighten locknut (4).

| 🔧 Tightening torques         |       |  |
|------------------------------|-------|--|
| Mirror (locknut) to adapter  |       |  |
| Left-hand thread, M10 x 1,25 | 22 Nm |  |

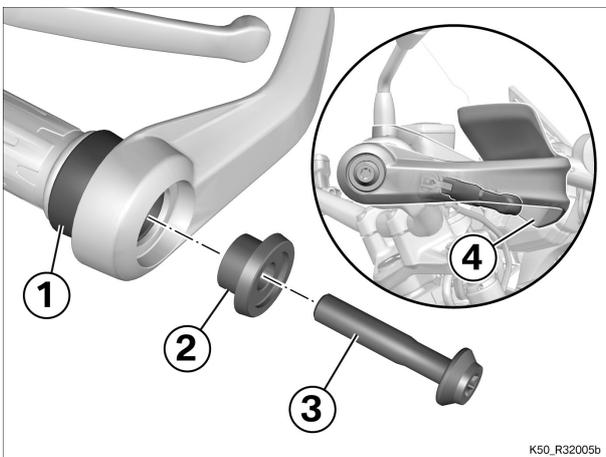
- Slip cover (5) over the threaded fastener.

# 5



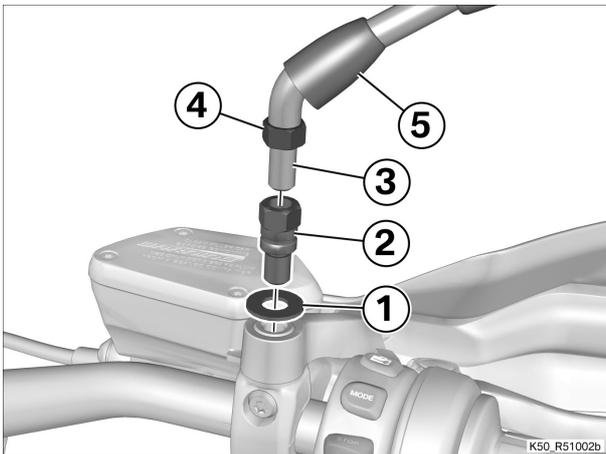
## ► Installing right hand protector

- Place right hand protector (1) in position.



- Install handlebar weight (1).
- Insert bushing (2) with screw (3).
- Correctly position right hand protector (4).
- Tighten screw (3), making sure that right hand protector (4) does not twist out of position.

| 🔧 Tightening torques          |       |  |
|-------------------------------|-------|--|
| Handlebar weight to handlebar |       |  |
| M10 x 50                      | 40 Nm |  |



- Install washer (1).
- Install adapter (2).

| 🔧 Tightening torques      |       |  |
|---------------------------|-------|--|
| Adapter to clamping block |       |  |
| M10 x 14 - 4.8            | 25 Nm |  |

- Install mirror (3) and adjust it to the correct position.
- Tighten locknut (4).

| 🔧 Tightening torques         |       |  |
|------------------------------|-------|--|
| Mirror (locknut) to adapter  |       |  |
| Left-hand thread, M10 x 1,25 | 22 Nm |  |

- Slip cover (5) over the threaded fastener.

# 6

## ► Final check of work performed

- Check that

- the work as performed achieved the intended purpose.
- all reservoirs and containers have been filled and that all fluids and lubricants are at their correct levels.
- all threaded fasteners released beforehand have been correctly retightened.
- the fuel system is free of leaks.
- the lights and signalling equipment are fully operational and that the motorcycle is roadworthy.
- the brake pads of the front and rear brakes are bedded against the brake discs.

