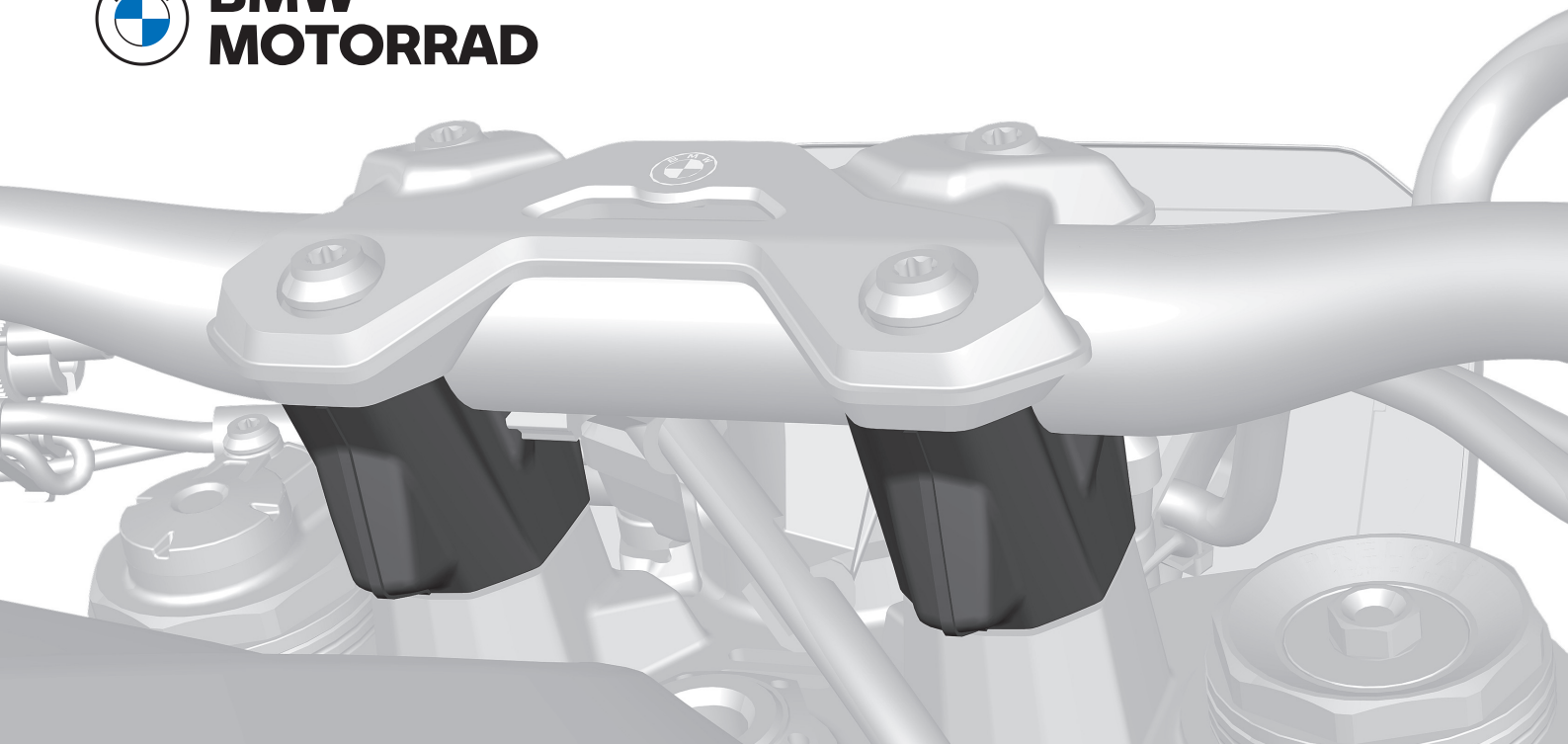




**BMW  
MOTORRAD**



Installation instructions

# **HANDLEBAR EXTENSION**

**M 1000 R**

**MAKE LIFE A RIDE**

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**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.

Since we provide you with a multitude of accessories and optional equipment, we cannot cover all equipment specifications in these installation instructions. Therefore we restrict ourselves to the basic version of the corresponding model. The removal and installation of other possibly installed accessories is described in the corresponding installation instructions. 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.

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**THE SYMBOLS USED TO DRAW ATTENTION TO PRECAUTIONARY STATEMENTS IN THIS MANUAL ARE AS FOLLOWS:**
** CAUTION**

Low-risk hazard. Non-avoidance can lead to slight or moderate injury.

** DANGER**

High-risk hazard. Non-avoidance leads to fatal or severe injury.

** NOTICE**

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

** WARNING**

Medium-risk hazard. Non-avoidance can lead to fatal or severe injury.

** ATTENTION**

Special notes and precautionary measures. Non-compliance can lead to damage to the vehicle or accessory and, consequently, to voiding of the warranty.

** 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 vehicle or accessories or can endanger the driver.

- Start of the main activity
- ▷ Start of the secondary activity
- Instruction

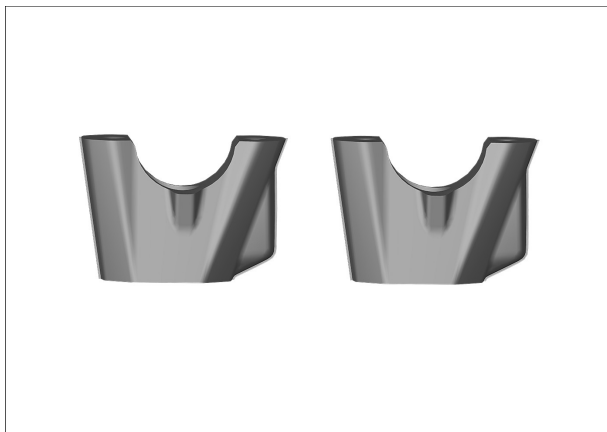
- ◄ End of the main activity
- ◁ End of the secondary activity
- ◇ End of validity designation CS (construction status), OE (optional extra) or OA (optional accessory)

All rights reserved.

## Handlebar extension

### Requisite tools

- Torx wrench set
- Torque wrench



### Scope of installation

- Handlebar extensions 2×

### General instructions

#### ATTENTION

##### Vehicle not securely propped

Risk of damage to parts if vehicle topples

- Prop the vehicle securely.

#### WARNING

##### Children and pets in the working area

Injury to persons

- Keep children and pets away from the working area.

#### CAUTION

##### Wearing jewellery during work

Risk of injury by snagging or electrical short circuit

- Remove all items of personal jewellery (rings, chains, wristwatch, etc.) before starting work.

#### NOTICE

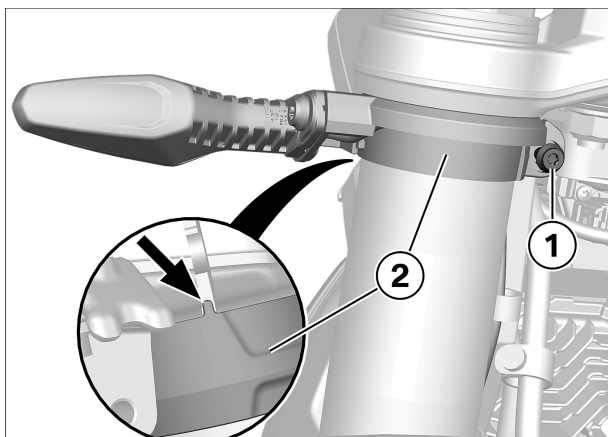
Once the retrofit kit has been installed by the workshop, these installation instructions must be handed over to the customer.

Make sure that these installation instructions accompany the retrofit kit when it is passed on to a third party.

## 77 22 024 Installing handlebar extension retrofitting

Additional work: 46 52 510 Mounting and dismounting the rear-wheel stand with special tools (for motorbikes without a centre stand)

### 1

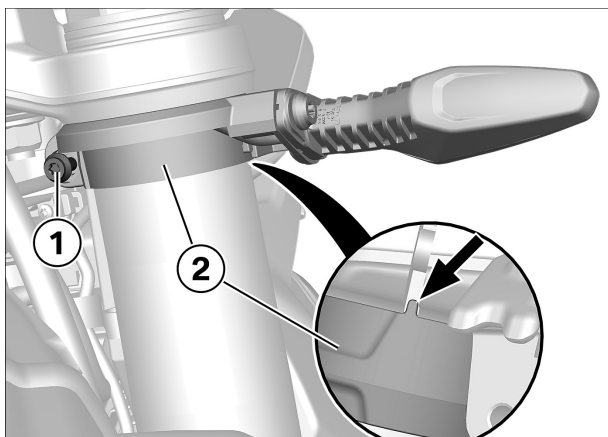


#### ► Loosening holder for front left turn indicator

- Release bolt (1).
- Slide turn indicator holder (2) down until anti-twist protection (arrow) is free.



### 2

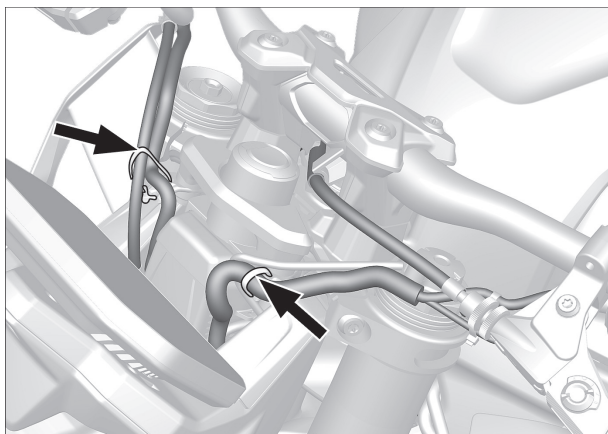


#### ► Loosening holder for front right turn indicator

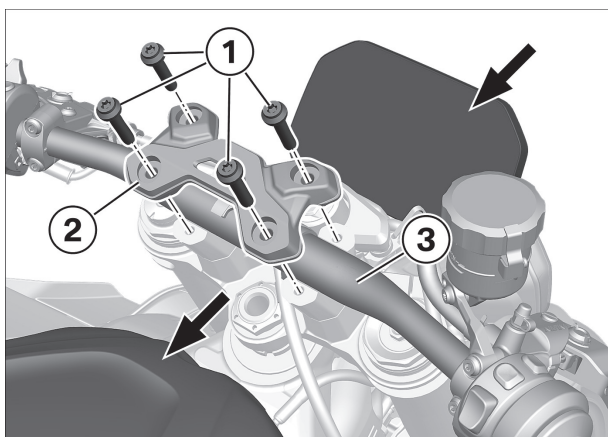
- Release bolt (1).
- Slide turn indicator holder (2) down until anti-twist protection (arrow) is free.



## 3

► **Removing handlebars**

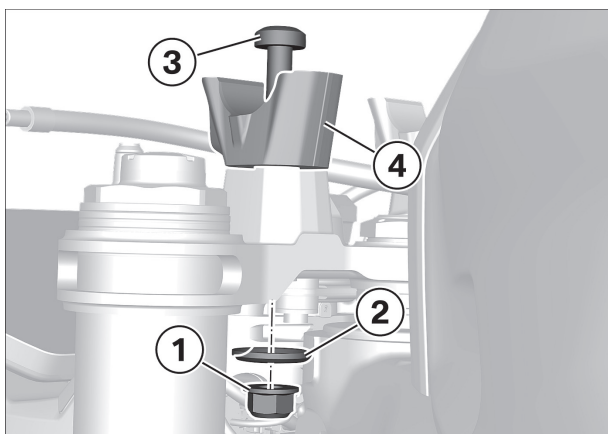
- Remove cable straps (**arrows**).



- Use suitable material to cover the areas indicated (**arrows**), making sure they are well covered.
- » Components are protected against scratching and damage.
- Remove screws (**1**).
- Remove clamping block (**2**).
- Loosen handlebars (**3**) and lay toward the front.



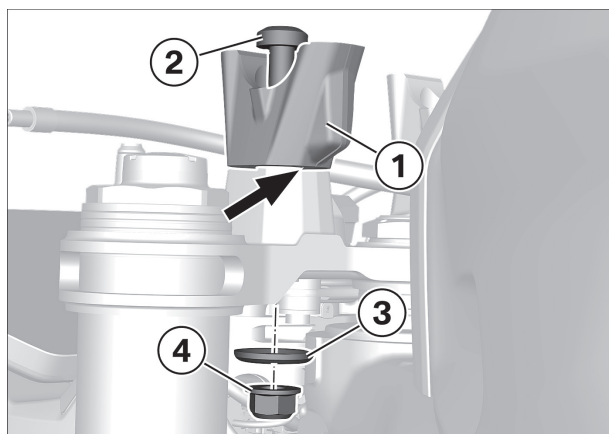
## 4

► **Removing bottom left clamping block**

- Carefully turn steering all the way to the right.
- Remove nut (**1**) and decoupling disc (**2**) counter-holding screw (**3**).
- Remove screw (**3**) and clamping block (**4**).



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#### ► Installing clamping block with raise

- Install new clamping block (1) with screw (2) aligning clamping block (1) on fork bridge (arrow).
- Attach decoupling disc (3) on screw (1).
- Install nut (4) counter-holding screw (2) and clamping block (1).
- When tightening the nut (4), make sure that clamping block (1) does not twist.



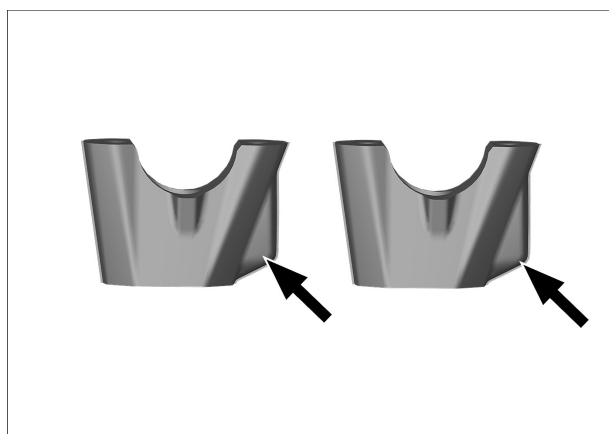
#### Tightening torques

**Clamping block lower section to upper fork bridge with handlebar release**

M10 × 70 - 10.9

25 Nm

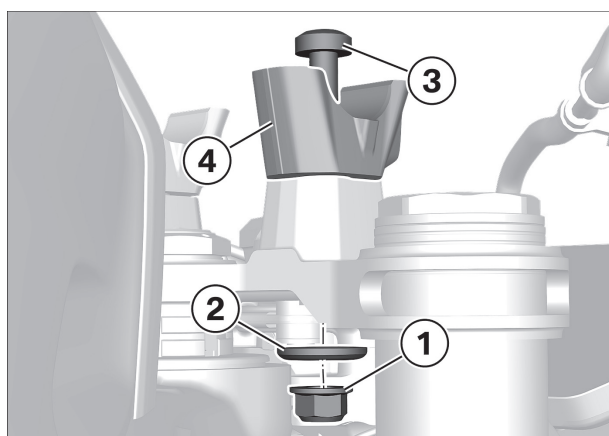
6



#### ► Information on installation of clamping blocks with rise

- When installing, make sure that cast lugs (arrows) point in direction of travel to the rear.

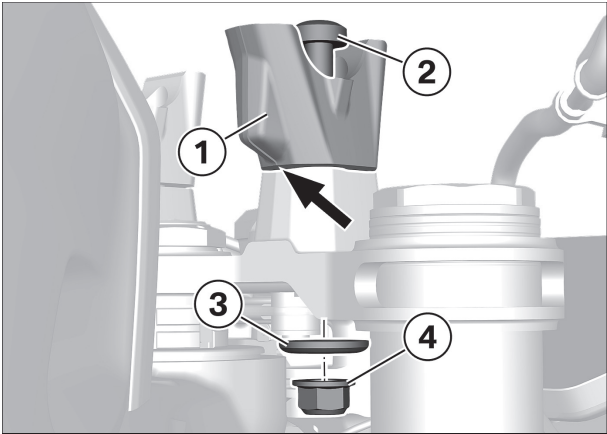
7



#### ► Removing bottom right clamping block

- Carefully turn steering all the way to the left.
- Remove nut (1) and decoupling disc (2) counter-holding screw (3).
- Remove screw (3) and clamping block (4).

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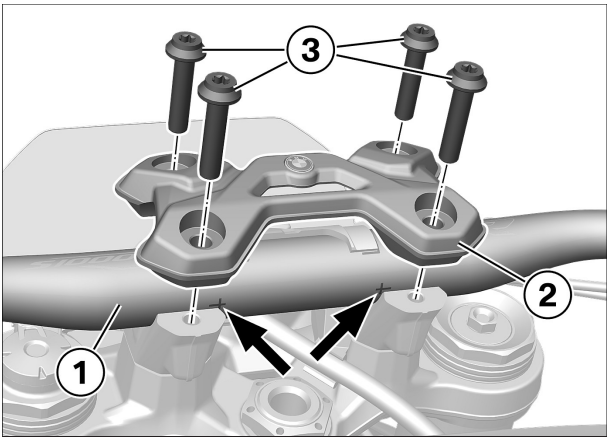


► Installing right clamping block with raise

- Install new clamping block (1) with screw (2) aligning clamping block (1) on fork bridge (arrow).
- Attach decoupling disc (3) on screw (1).
- Install nut (4) counter-holding screw (2) and clamping block (1).
- When tightening the nut (4), make sure that clamping block (1) does not twist.

| Tightening torques                                                       |       |  |
|--------------------------------------------------------------------------|-------|--|
| Clamping block lower section to upper fork bridge with handlebar release |       |  |
| M10 × 70 - 10.9                                                          | 25 Nm |  |

9

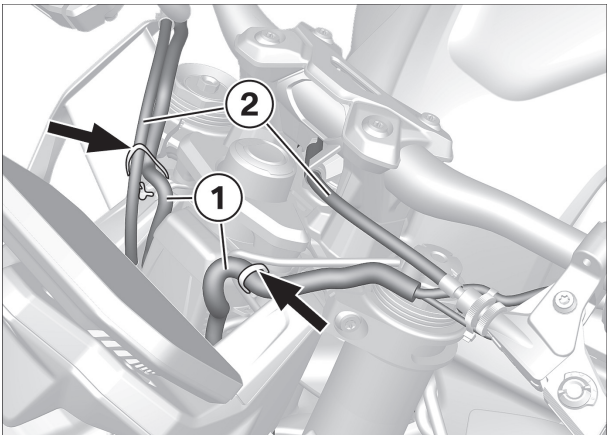


► Securing handlebars

- Align handlebars (1) with marks (arrows) on clamping block bottom sections.
- Attach handlebar clamping block upper section (2).
- Install screws (3).

| Tightening torques                                                |       |  |
|-------------------------------------------------------------------|-------|--|
| Handlebar clamping block at top on clamping block lower section   |       |  |
| M8 x 35, in the forward direction of travel, tighten until seated | 19 Nm |  |

- Remove the auxiliary materials for covering the parts.



**ATTENTION**

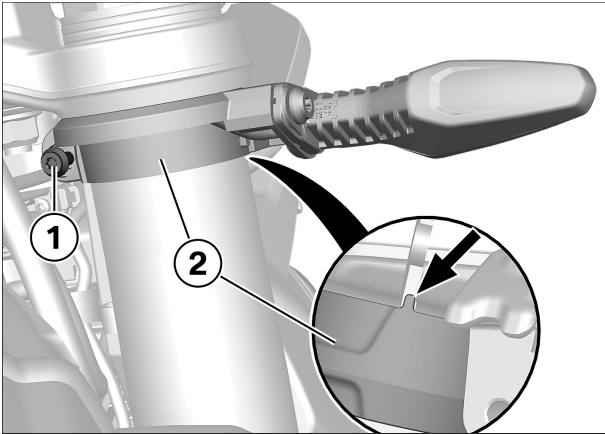
**Improper routing of electrical wiring**

Cable break and scuff marks

- Route electrical wiring carefully.
- Make sure that none of the wires are chafed or bent even will full steering wheel angle.

- Align cables (1) and wires (2) and reposition, if necessary.
- Close the cable strap (arrows).

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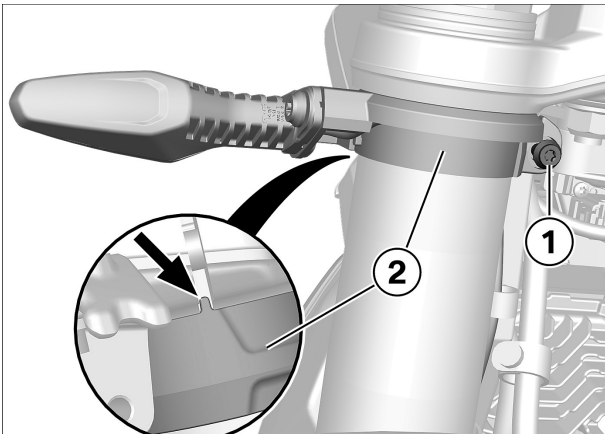


► **Securing holder for front right turn indicator**

- Position turn indicator holder (2) with anti-twist protection (arrow) to stop in clamp gap.
- Secure screw (1).

| Tightening torques                      |      |  |
|-----------------------------------------|------|--|
| Threaded fastener, front turn indicator |      |  |
| M5 x 12                                 | 3 Nm |  |

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► **Securing holder for front left turn indicator**

- Position turn indicator holder (2) with anti-twist protection (arrow) to stop in clamp gap.
- Secure screw (1).

| Tightening torques                      |      |  |
|-----------------------------------------|------|--|
| Threaded fastener, front turn indicator |      |  |
| M5 x 12                                 | 3 Nm |  |

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► **Final check of work performed**

- Check the following:
  - The work as performed achieved the intended purpose.
  - All reservoirs and containers have been filled and 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 the vehicle is roadworthy.
  - The brake pads of the front and rear brakes are bedded against the brake discs.

▷ **Function test, engine start suppression**

**Check**

- Set the emergency-off switch (kill switch) to the operating position ("ON").
- Select neutral.
  - » Neutral indicator light "N" lights up.
- Switch on the ignition.
  - » Neutral indicator light "N" goes out.
- Select a gear.
  - » Starter does **not** operate.
- Extend the side stand.
  - » Starter does **not** operate.
- Pull the clutch lever.
  - » Starter does **not** operate.
- Press the starter button.
  - » Starter does **not** operate.
- Retract the side stand.
  - » Starter does **not** operate.
- Press the starter button without releasing the clutch lever.
  - » Starter operates.

**Result**

Not all test steps completed successfully.

**Measure**

- Check the appropriate parts with the BMW Motorrad diagnostic system.

