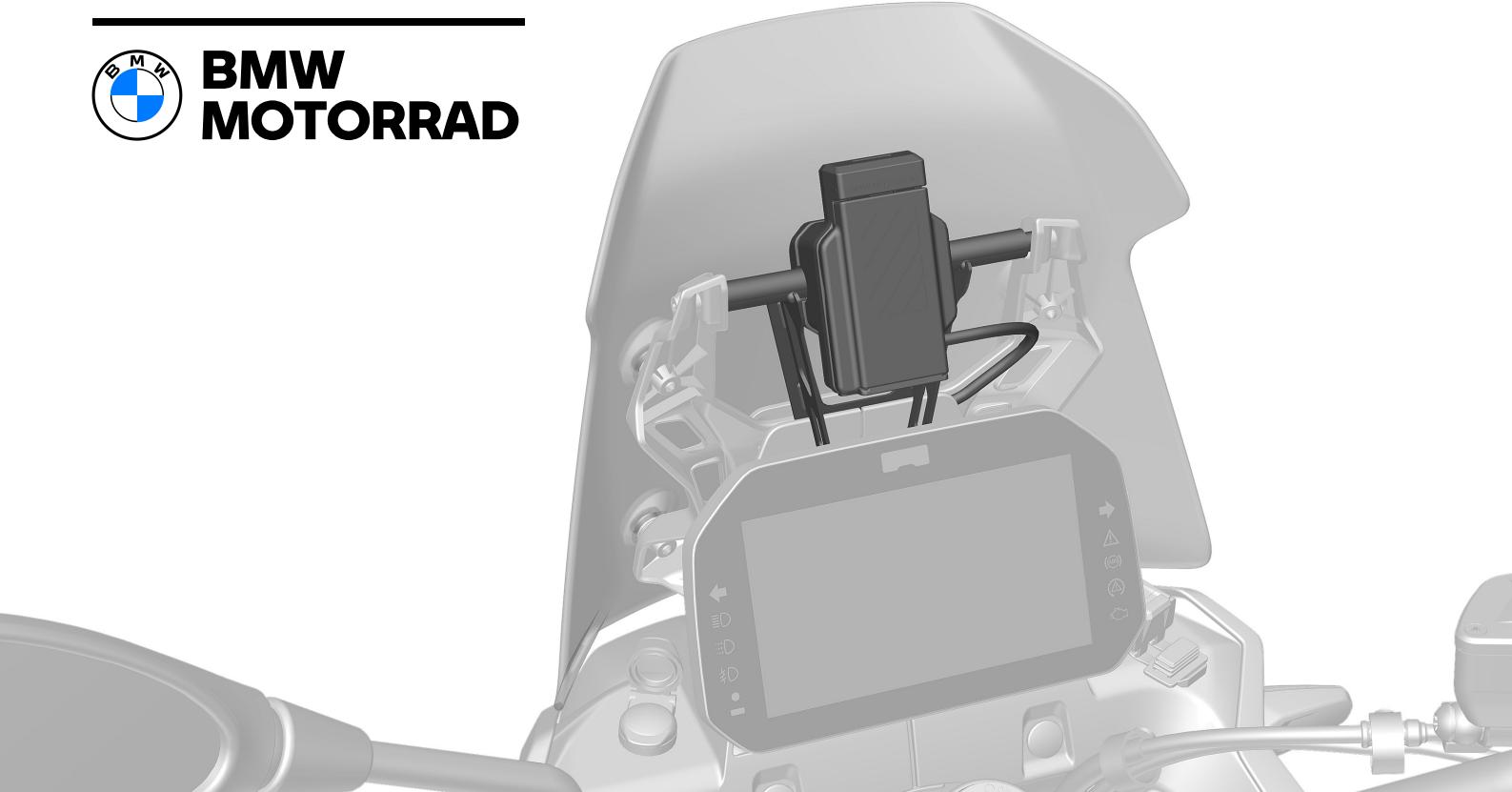




**BMW  
MOTORRAD**



Installation instructions

## **NAVIGATION PREPARATION**

**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

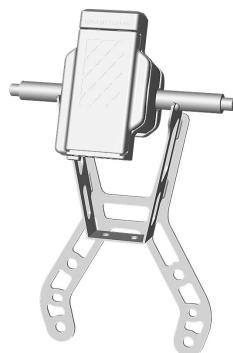
- ◀ End of the main activity
- ▷ End of the secondary activity
- ◊ End of validity designation CS (construction status), OE (optional extra) or OA (optional accessory)

All rights reserved.

## Navigation preparation

### Requisite tools

Torx wrench set  
Torque wrench



### Scope of installation

Navigation preparation kit

### General instructions

#### **⚠ CAUTION**

##### **Hot engine and/or hot exhaust system**

Risk of burn injury

- Allow engine and exhaust system to cool before starting work.

#### **⚠ 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**

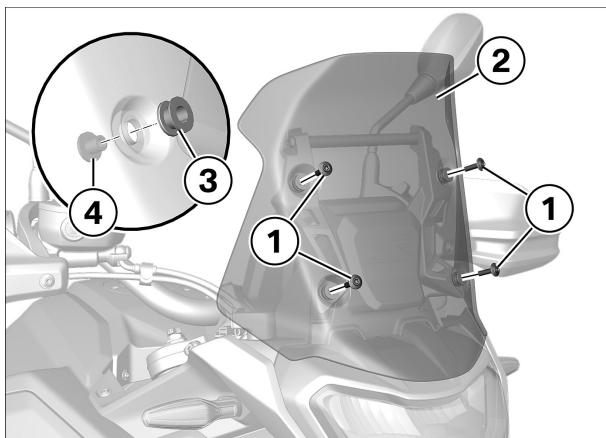
Once the retrofit kit has been installed by the workshop, these installation instructions must be handed over to the customer.

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

## 77 52 008 Installing the navigation system preparation

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

**1**

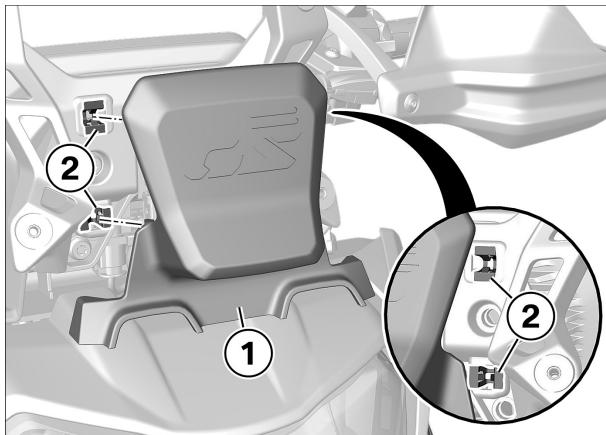


### ► Removing windscreen

- Remove screws (1).
- Remove windscreen (2) with rubber grommets (3) and collar bushes (4).



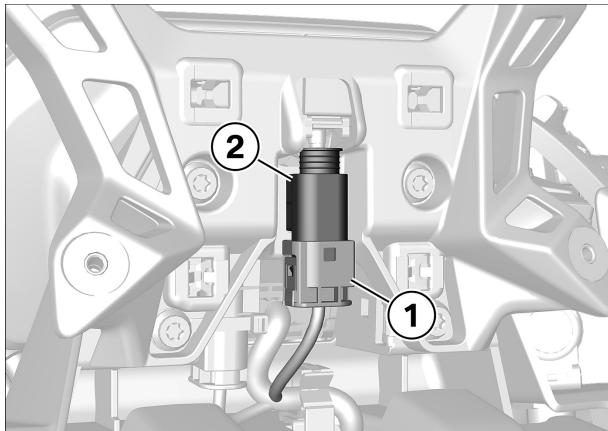
**2**



### ► Removing instrument cover

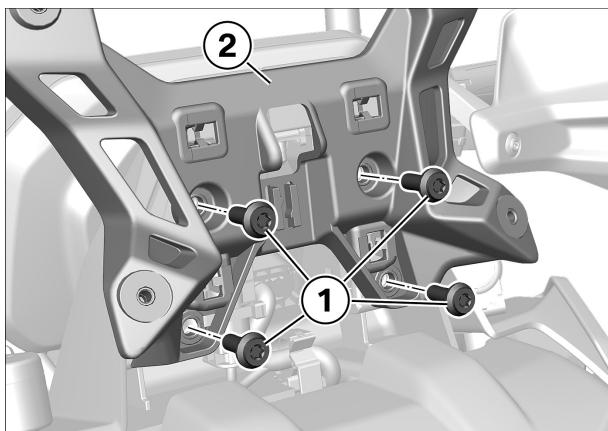
- Loosen instrument cover (1) from clip clamps (2) and remove.



**3**

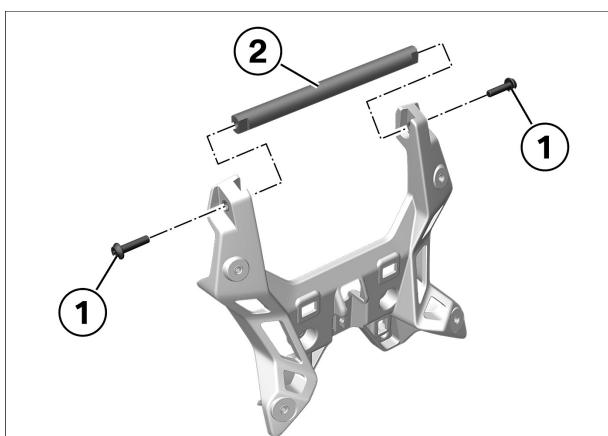
► **Exposing connector for Mount Cradle connection**

- Pull off protective cap (2) from connector (1).

**4**

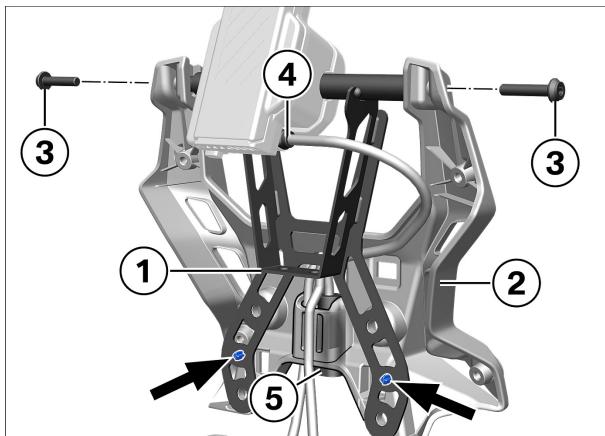
► **Removing windscreen holder**

- Remove screws (1).
- Remove windscreen holder (2).

**5**

► **Installing preparation for navigation system**

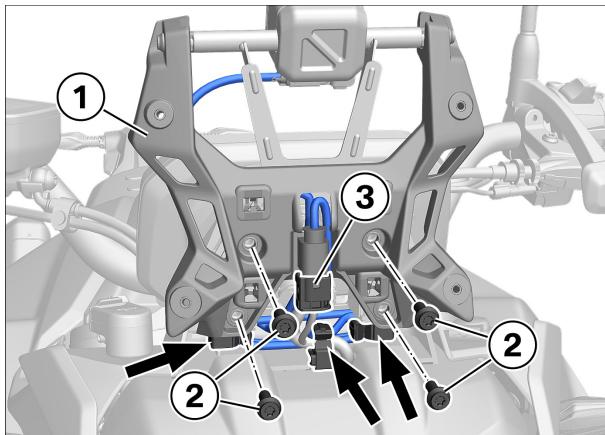
- Remove screws (1), take off axle (2).



- Align holder (1) at windscreen holder (2) and hook it in (arrows).
- Install screws (3).

Tightening torques		
Holder for navigation system to windscreen holder		
M5 x 20	6 Nm	with preparation for navigation system <sup>OE</sup> (0272)

- Connect connector (4) and route the cable forwards.
- Secure connector (5).

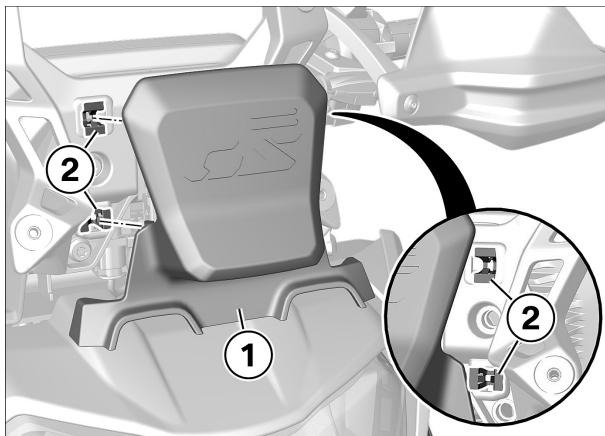


- Position windscreen holder (1).
- Install screws (2).

Tightening torques		
Windscreen holder to front panel carrier		
M6 x 20	5 Nm	

- Connect connector (3) for the navigation system.
- Secure cable excess length as a loop in the cable clip (arrows).

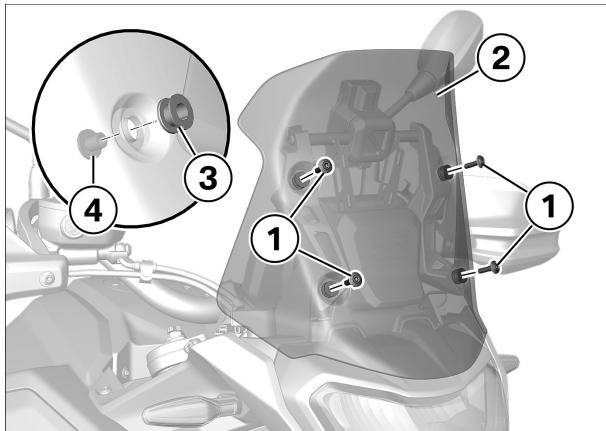
## 6



### ► Installing instrument cover

- Secure instrument cover (1) in clip clamps (2).

## 7

► **Install the windscreen**

- Ensure correct installation of rubber grommets (3) and collar bushes (4).
- Position windscreen (2).
- Install screws (1).

Tightening torques	
Windscreen to windscreen holder	
M5 x 20	4 Nm



## 8

► **Final inspection of completed work**

- Ensure the following:

The objective of the completed work was achieved.

All operating fluids have been filled in and the fluids are at the correct fill level.

All loosened screw connections have been retightened correctly.

The fuel system is free of leaks.

The lighting and signal system is functional and the vehicle is roadworthy.

The brake pads of the front and rear wheel brakes are resting against the brake disks.

► **Function test, engine start suppression****Check**

- Set kill switch to centred position.
- Select neutral.
- Switch on the ignition.
  - » Neutral indicator light "N" lights up.
- Select a gear.
  - » Neutral indicator light "N" goes out.
- Operate the starter motor switch.
  - » Starter does **not** operate.
- Extend the side stand.
- Pull the clutch lever.
- Operate the starter motor switch.
  - » Starter does **not** operate.
- Retract the side stand.
- Operate the starter motor switch when the clutch is pulled.
  - » Starter operates.

**Result**

Not all test steps completed successfully.

**Measure**

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

