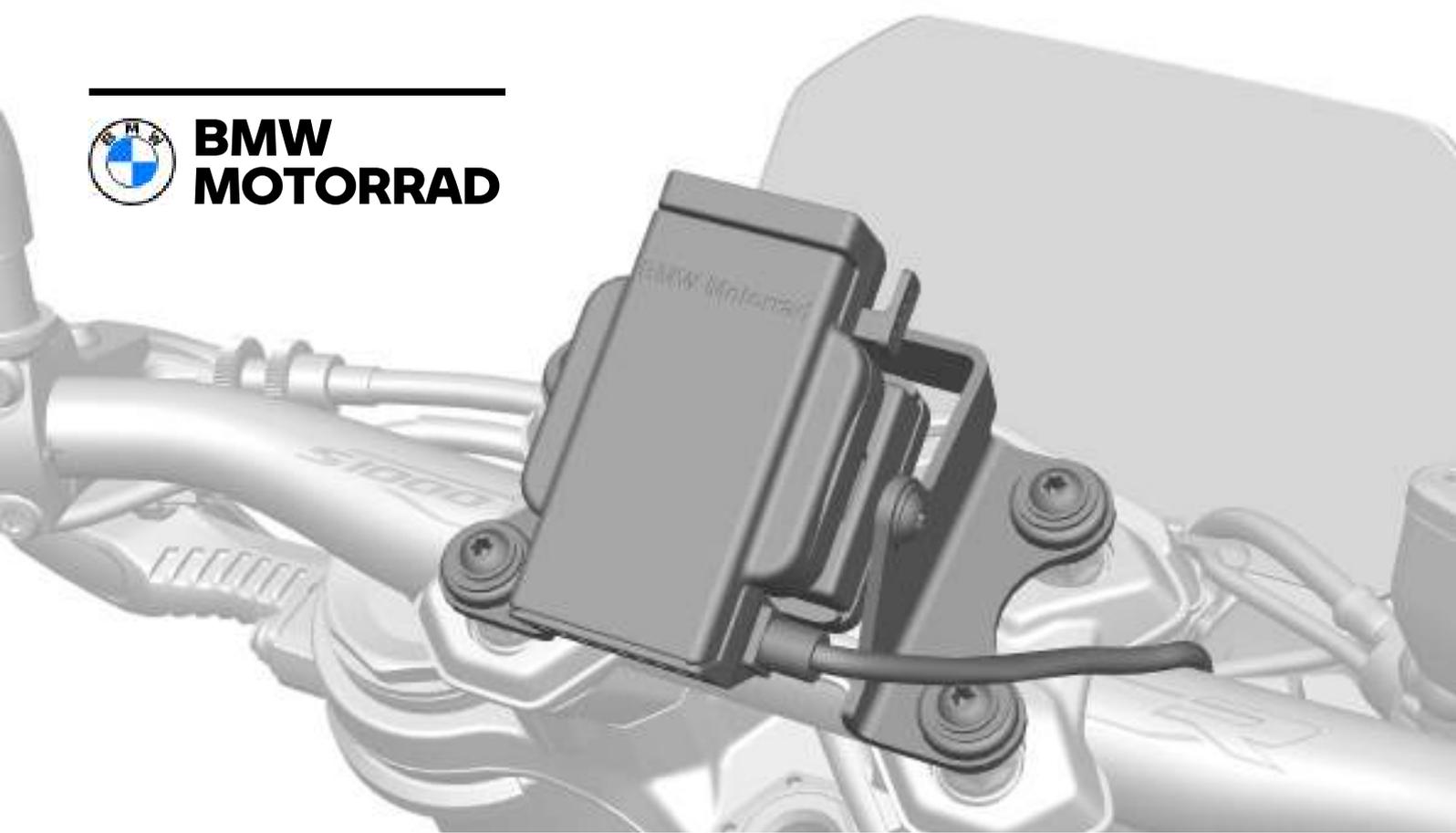




**BMW
MOTORRAD**



Installation instructions

HOLDER FOR BMW MOTORRAD NAVIGATION SYSTEMS

S 1000 R

MAKE LIFE A RIDE

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.

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.

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

 **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.

- ◀ 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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Holder for BMW Motorrad navigation systems

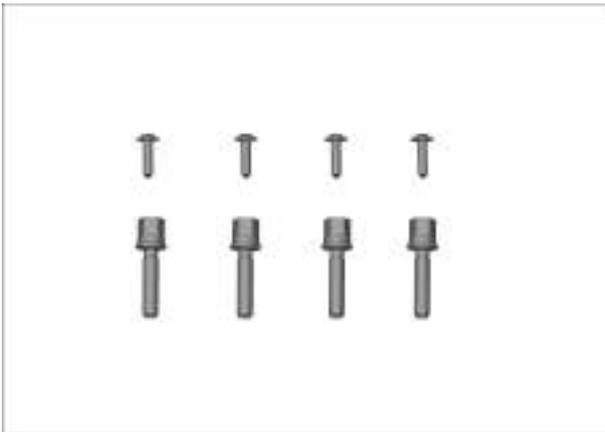
Requisite tools

- Set of Torx bits
- Diagonal cutting pliers
- Torque wrench



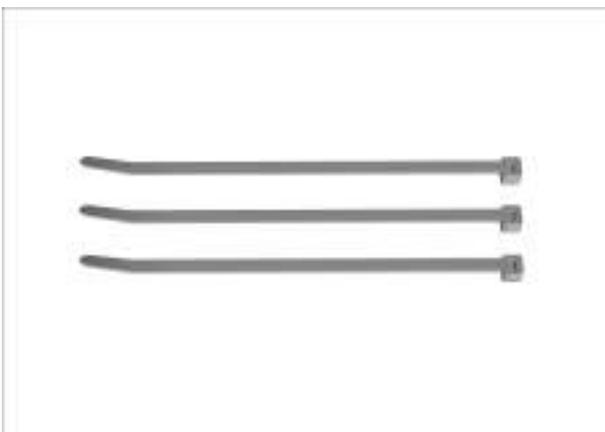
Delivery specification

- Set, Navigation system holder



Also required:

- Raised-head screw, M5 x 20 4 pieces
- Screws for handlebar clamping block M8 x 35 4 pieces



Also required:

- Cable tie

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

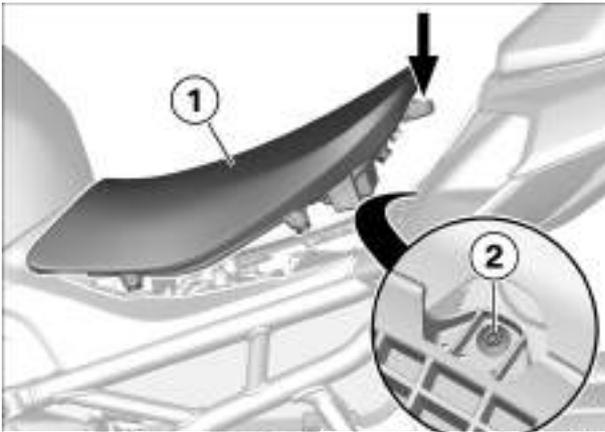
Once the retrofit kit has been installed by the workshop, these installation instructions must be handed over to the customer.

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

77 52 202 Install holder for navigation system

Additional work: 46 52 510 Removing and installing the rear-wheel stand special tool (motorcycles without centre stand)

1

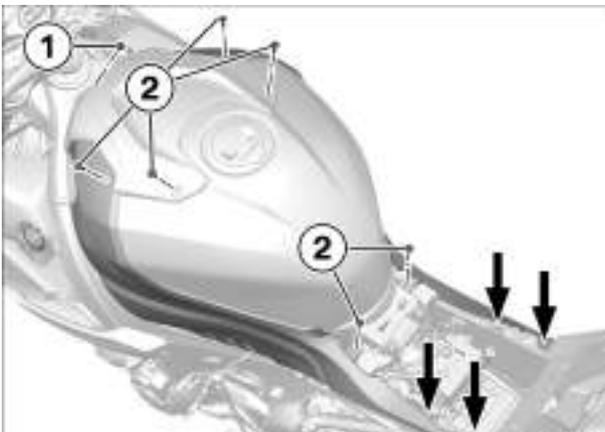


► Removing rider's seat

- Push rider's seat **(1)** at the seat cushion surface **(arrow)** forward.
- Remove bolt **(2)**.
- Lift rider's seat **(1)** at rear and remove.

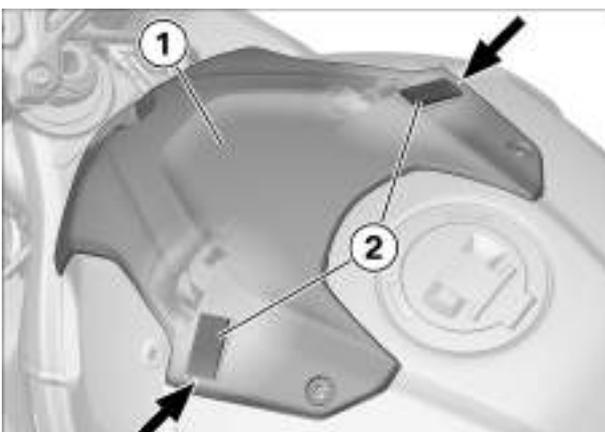


2

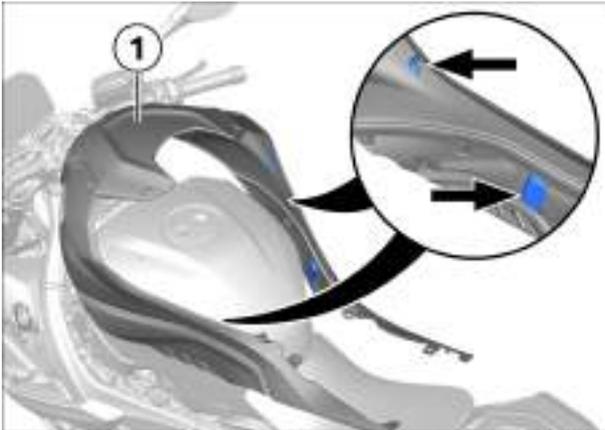


► Removing complete fuel-tank cover

- Remove bolt **(1)**.
- Remove screws **(2)**.
- Disengage the locators **(arrows)**.



- Lift centre fuel-tank cover **(1)** at the edges **(arrows)** and release hook and loop tape **(2)**.



- Release fuel-tank cover **(1)** completely and detach locators **(arrows)**.
- Remove fuel-tank cover **(1)** completely.

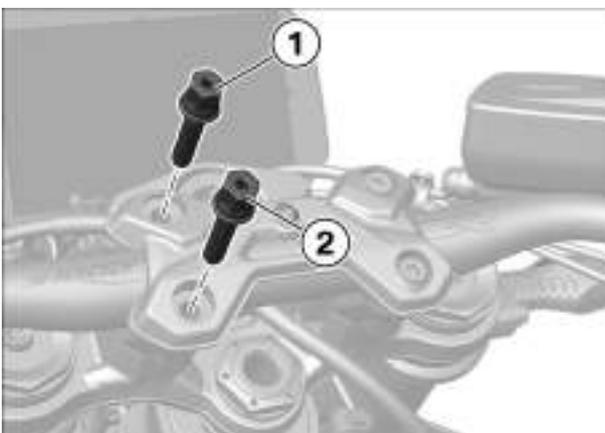
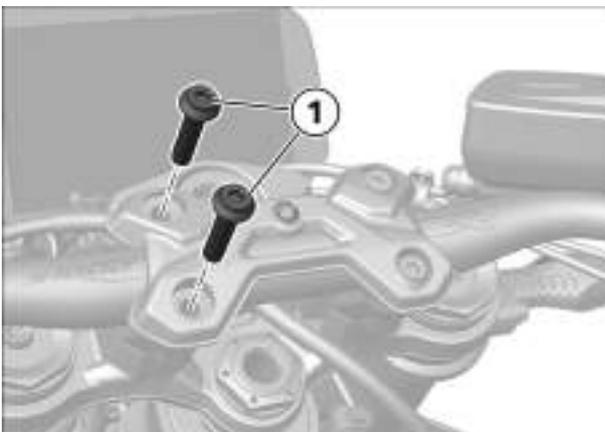
3

► **Remounting mounting bolts for handlebar clamping block**

NOTICE

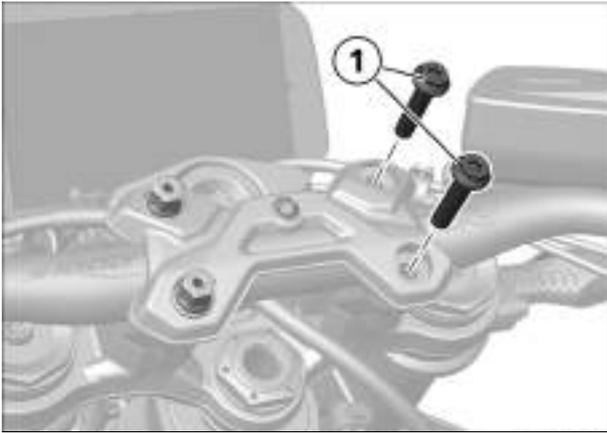
In order to retain the basic setting of the handlebars unchanged, always slacken only **one** side of the handlebar clamping block.

- Remove left screws **(1)** from handlebar clamping block.

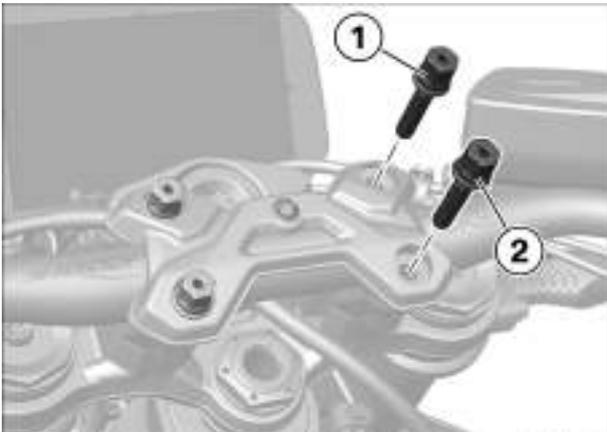


- Loosely screw in mounting bolts **(1)** and **(2)** for handlebar clamping block.
- Tighten front mounting bolt **(1)** first.
- Tighten rear mounting bolts **(2)**.

Tightening torques	
Handlebar clamping block upper section to handlebar clamping block lower section	
M8 x 35	Tightening sequence: in the forward direction of travel, tighten until seated
	19 Nm



- Remove right screws **(1)** from handlebar clamping block.



- Loosely screw in mounting bolts **(1)** and **(2)** for handlebar clamping block.
- Tighten front mounting bolt **(1)** first.
- Tighten rear mounting bolts **(2)**.

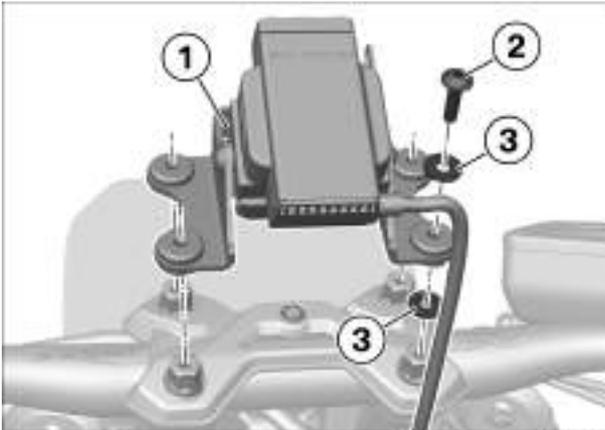
 Tightening torques		
Handlebar clamping block upper section to handlebar clamping block lower section		
M8 x 35	Tightening sequence: in the forward direction of travel, tighten until seated	
	19 Nm	

4



► Install holder for navigation system

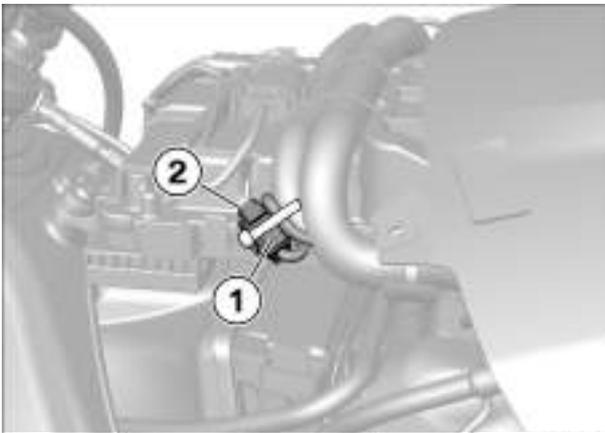
- If necessary, install spacer bushings **(1)** in rubber grommets **(2)**.



- Install holder (1) with bolts (2) and washers (3).

 Tightening torques		
Bracket to screws for handlebar clamp		
M5 x 20 Thread-locking compound (mechanical)	5 Nm	

5



► Exposing connector for navigation preparation

- Remove cable strap (arrow).
- Loosen connector (1) for navigation preparation and remove blind cap (2).

6

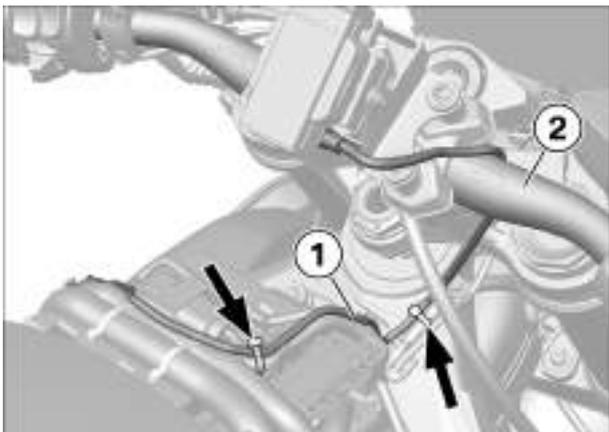
► Connecting navigation preparation

WARNING

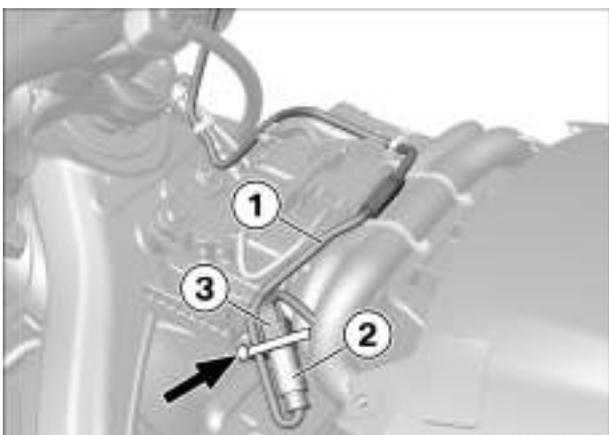
Steering angle constrained by routing of cables or Bowden cables not in compliance with correct procedure.

Impairment of road safety.

- Check the freedom of movement of the handlebars.

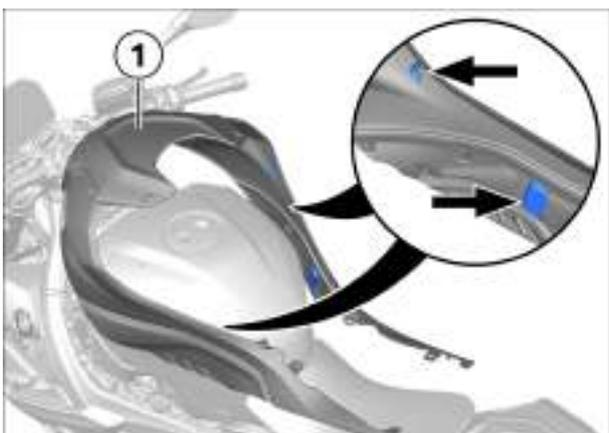


- Route connecting cable (1) around handlebars (2) as shown.
- » Connecting cable (1) is not pinched when turning handlebars.
- Fasten cable straps (arrows) checking steering freedom of movement.



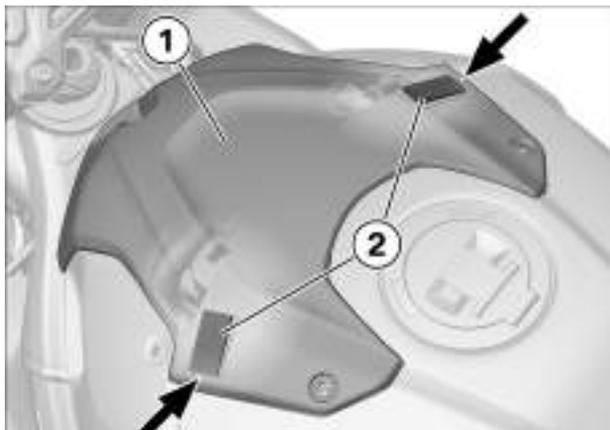
- Install access line (1).
- Connect connector (2) of access line with connector (3) for navigation preparation.
- If necessary, loop excess lengths of cable and secure the cable straps (arrows).

7

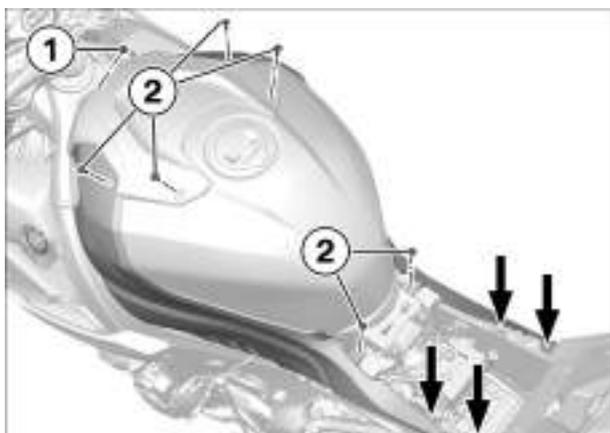


► Installing complete cover of fuel tank

- Fit complete cover of fuel tank (1), attach locators (arrows) and install.

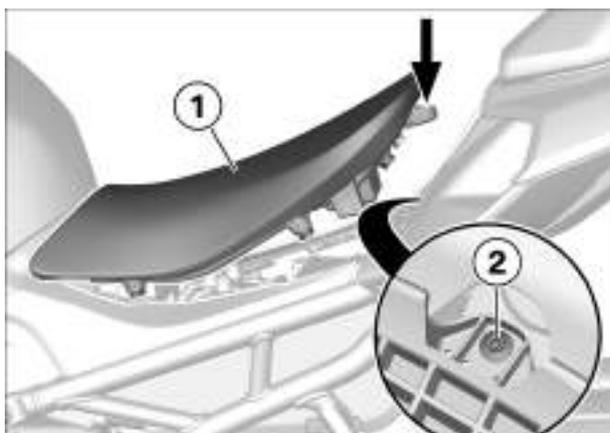


- Position centre fuel tank cover **(1)** and secure hook and loop tape **(2)**.



- Install screws (shorter collar) **(2)**.
- Install bolt **(1)** (long collar)
- Engage locators **(arrows)**.

8



► Installing rider's seat

- Insert rider's seat **(1)** in front and position.
- Push rider's seat **(1)** at the seat cushion surface **(arrow)** forward.
- Position and install screw **(2)**.

9

► 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 kill switch to "ON" position.
- Select neutral.
 - » Neutral indicator light "N" lights up.
- Select a gear.
 - » Neutral indicator light "N" goes out.
- Press the starter button.
 - » Starter does **not** operate.
- Extend the side stand.
- Pull the clutch lever.
- Press the starter button.
 - » Starter does **not** operate.
- Retract the side stand.
- 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.

