

Installation instructions

# USB CHARGING INTER-FACE

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:



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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# **USB** charging interface

#### Requisite tools

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



#### **Delivery specification**

- USB charging interface



#### Also required:

- Holder, USB charging interface

#### **General instructions**

### **ATTENTION**

#### Vehicle not securely propped

Risk of damage to parts if vehicle topples

• Prop the vehicle securely.

# **M** WARNING

#### Children and pets in the working area

Injury to persons

• Keep children and pets away from the working area.



#### 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**

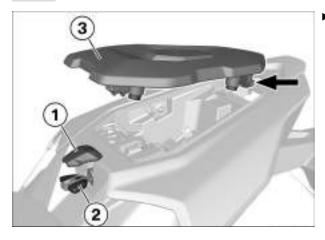
Once the retrofit kit has been installed by the workshop, these installation instructions must be handed over to the customer.

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

### 77 53 170 Install USB-charging interface

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

1

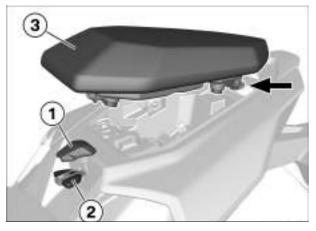


#### Removing tail-hump cover

- Fold open lock cap (1) and unlock lock for tail-hump cover (3) with ignition key (2).
- Remove tail-hump cover (3) by unhooking fastener (arrow).

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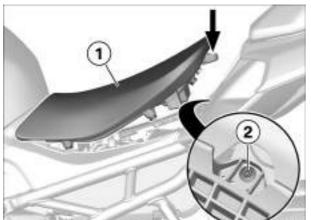


– with two-up riding package  $^{\mbox{OE}}$  (0413)

#### ► Removing passenger seat

- Fold open lock cap (1) and unlock lock for passenger seat (3) with ignition key (2).
- Remove passenger seat (3) by unhooking fastener (arrow).◊

4

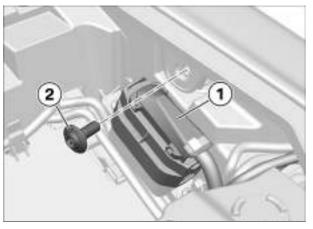


#### ► Removing rider's seat

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

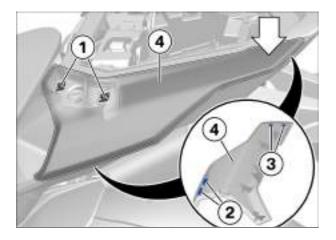
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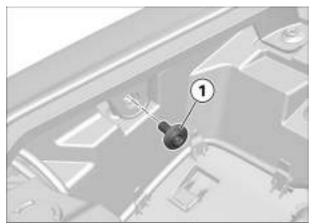


#### Removing left rear trim panel

- Release diagnostic connector (1).
- Remove bolt (2).

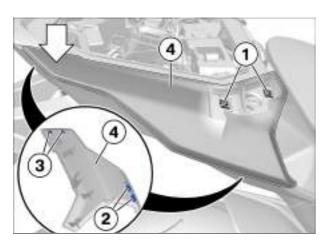


- Loosen retaining lugs (1) and fix rear trim panel (arrow) with the other hand.
- » Retaining lugs (3) cannot tear off.
- Then loosen retaining lugs (2) and last, work lugs (3) clear and remove rear trim panel (4).



#### ► Removing right rear trim panel

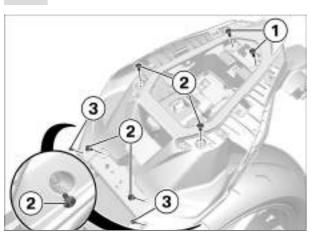
• Remove bolt (1).



- Loosen retaining lugs (1) and fix rear trim panel (arrow) with the other hand.
- » Retaining lugs (3) cannot tear off.
- Then loosen retaining lugs (2) and last, work lugs (3) clear and remove rear trim panel (4).

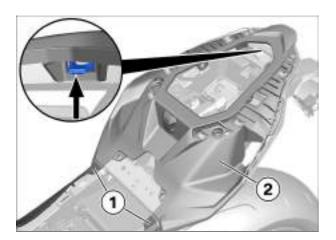
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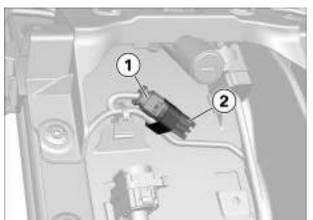


#### Removing centre rear trim panel

• Remove screws (1), (2) and (3).



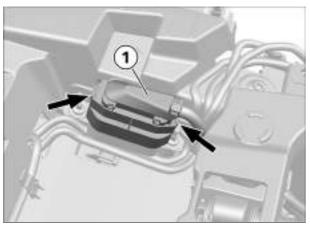
- Unclip tabs (1) of fuel tank cover and bend slightly outward and loosen centre rear trim panel (2).
- Slide centre rear trim panel (2) to the front and unhook lug (arrow).
- Remove centre rear trim panel (2).



Exposing connector for power supply

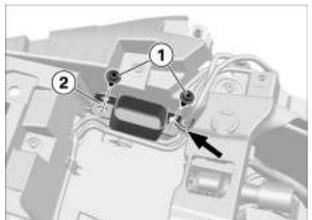
• Disconnect connector (1) from blind cap (2).

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**▶** Disconnecting diagnostic socket

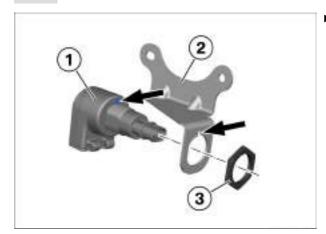
• Press locks (arrows) and disconnect diagnostic socket (1).



#### ► Loosening holder for diagnostic socket

- Remove cable strap (arrow).
- Remove screws (1).
- Loosen holder (2) for diagnostic socket.

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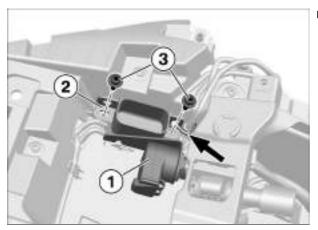
### Assembling USB charging socket and holder

- Install USB charging socket (1) in holder (2) aligning lug and recess (arrows).
- Install the nut (3).

Tightening torques		
USB charging socket to holder		
M18 x 1	3 Nm	

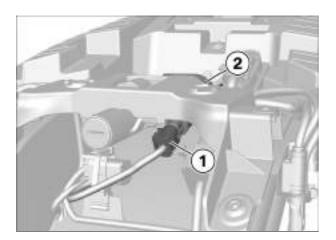
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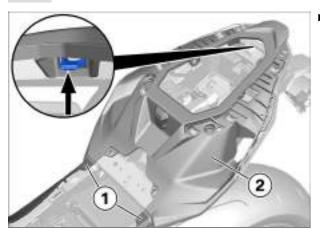
#### Installing USB charging socket with holder

- Insert USB charging socket (1) with holder under holder (2) for diagnostic socket.
- Align holder (2) for diagnostic socket and USB charging socket (1) and install screws (3).
- Secure the cable strap (arrow).



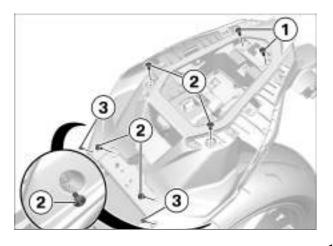
• Connect connector (1) at USB charging socket (2).

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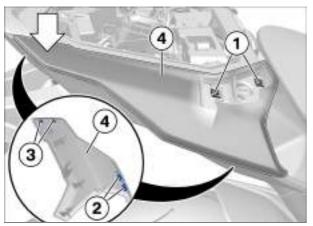


#### Installing centre rear trim panel

- Position centre rear trim panel (2) and hook in lug (arrow).
- Bend tabs (1) of fuel tank cover slightly outward and install centre rear trim panel (2).
- Clip in tabs (1) of fuel tank cover.

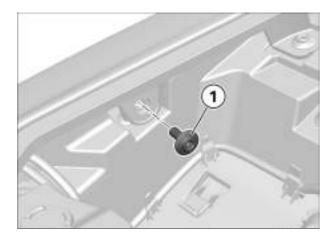


- Install bolts (3 mm collar) (2).
- Install bolts (6 mm collar) (1).
- Install screws (3).



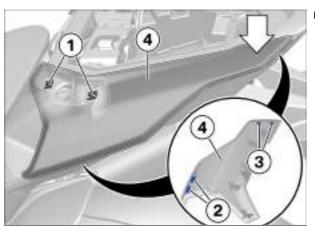
#### ► Installing right rear trim panel

- Position rear trim panel (4) with retaining lugs (3).
- Engage retaining lugs (1) and then retaining lugs (2).



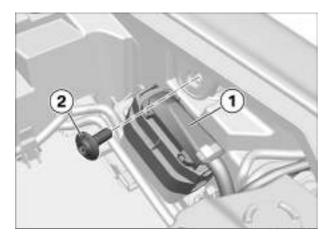
• Install bolt (1).

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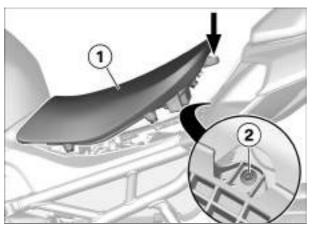


## Installing left rear trim panel

- Position rear trim panel (4) with retaining lugs (3).
- Engage retaining lugs (1) and then retaining lugs (2).



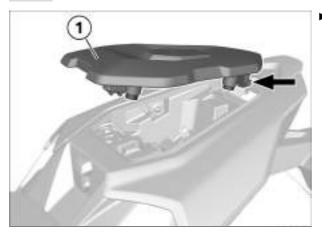
- Install bolt (2).
- Attach diagnostic socket (1)



#### ► 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).

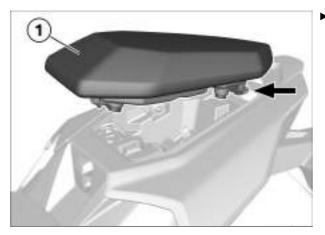
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#### ► Installing tail-hump cover

- Position tail-hump cover (1) while hooking fixture (arrow).
- Push tail-hump cover (1) down until the lock audibly engages.

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- with two-up riding package<sup>OE</sup> (0413)

#### Installing passenger seat

- Position passenger seat (1) while hooking fixture (arrow).
- Push passenger seat (1) down until the lock audibly engages.

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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 kill switch to "ON" position.
- Select neutral.
- Switch on the ignition.
- » 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.

