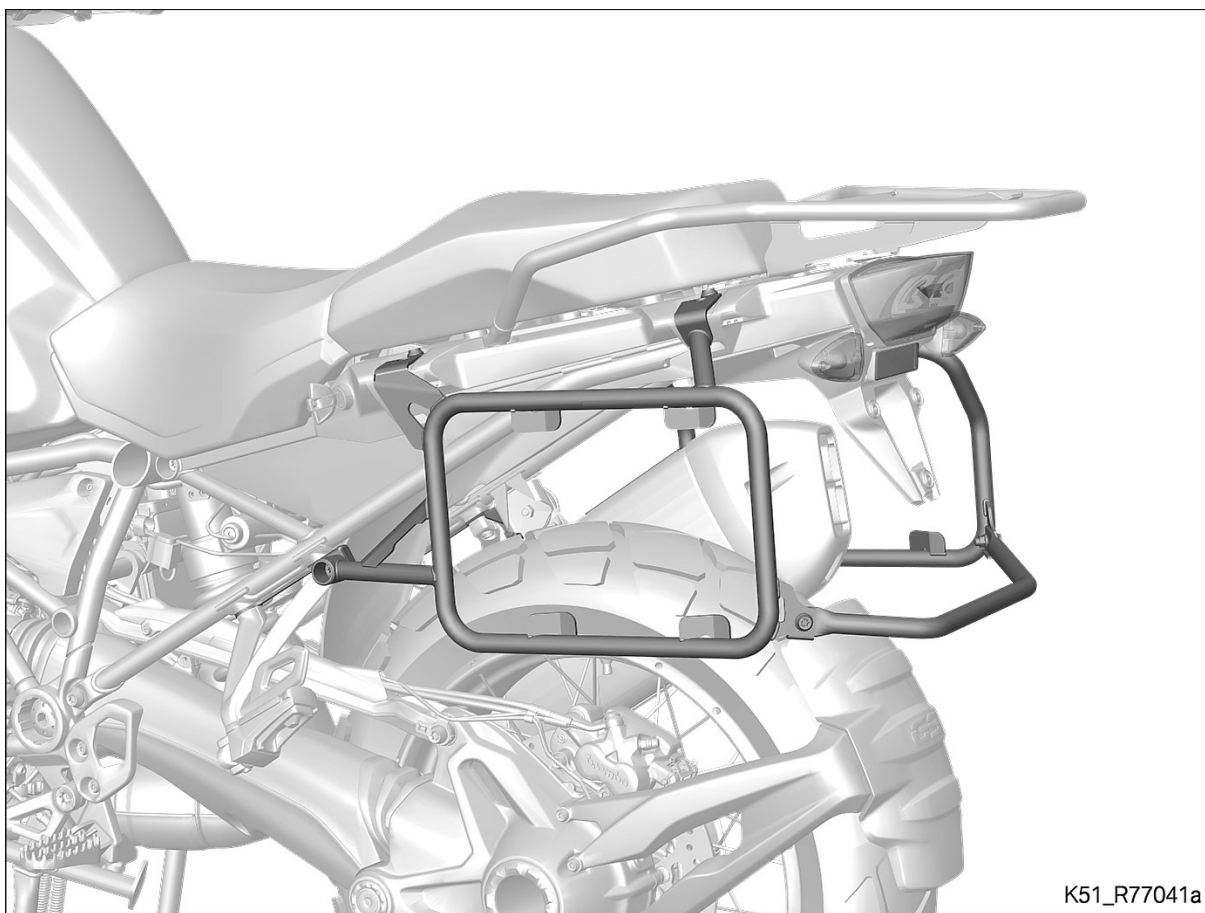


BMW Motorrad

Workshop installation instructions

Case carrier for aluminium case



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

BMW Motorrad recommends having this installation kit installed by a specialist workshop with the requisite special tools, preferably an authorised BMW Motorrad dealer.

Incorrect installation and incorrect handling give rise to considerable safety risks.

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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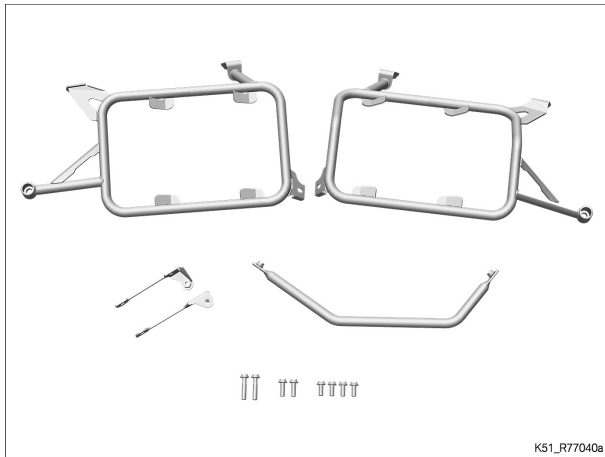
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Case carrier for aluminium case

Requisite tools

- Set of Torx bits
- Torque wrench



Scope of supply

- Case carrier, left
- Case carrier, right
- Bracket for case carrier, left
- Bracket for case carrier, right
- Cross-member
- Socket-head screw, M8 x 40 2 of
- Socket-head screw, M8 x 25 2 of
- Socket-head screw, M8 x 20 4 of

Also required:

 Thread-locking compound	
Loctite 243, Medium strength	83 19 2 210 339

General instructions



Attention

A motorcycle that has not been stood up correctly may topple over when the following work is being carried out. Make sure that the motorcycle is standing up safely.

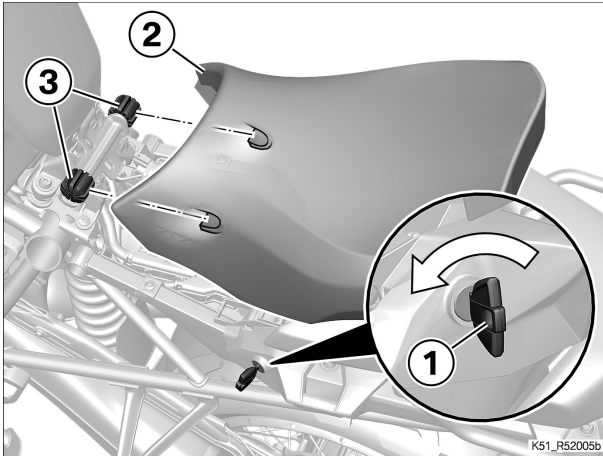


Warning

Risk of burning caused by hot engine/hot exhaust system!
Allow the engine and the exhaust system to cool down before starting work.

77 42 138 Installing case carrier for aluminium case

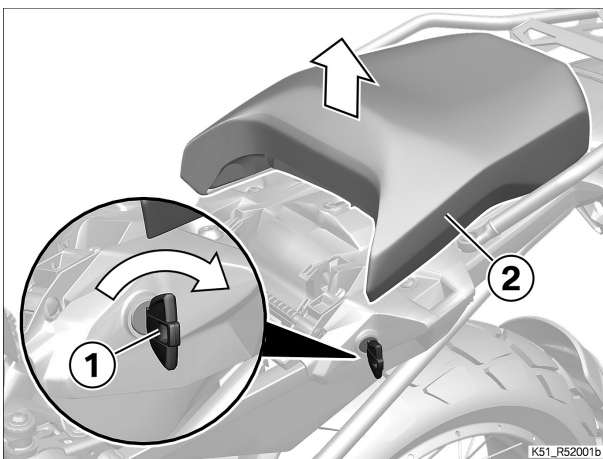
1



► Removing front seat

- Turn ignition key (1) **counter-clockwise** in the seat lock.
- Ease front seat (2) off holders (3) and remove.

2



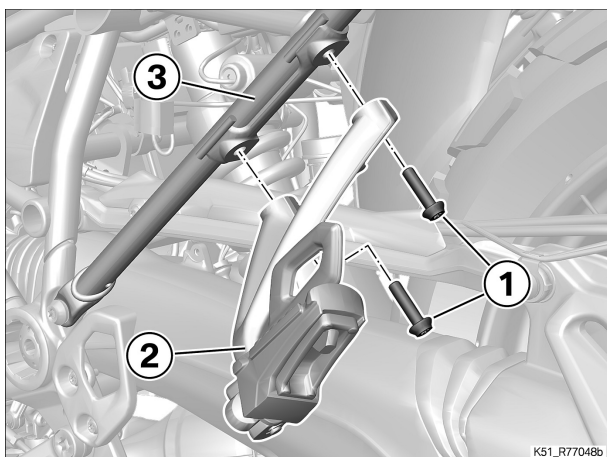
► Removing rear seat

- Turn ignition key (1) **clockwise** in the seat lock.
- Pull rear seat (2) up slightly at the front.



- Work rear seat (1) forward and remove.

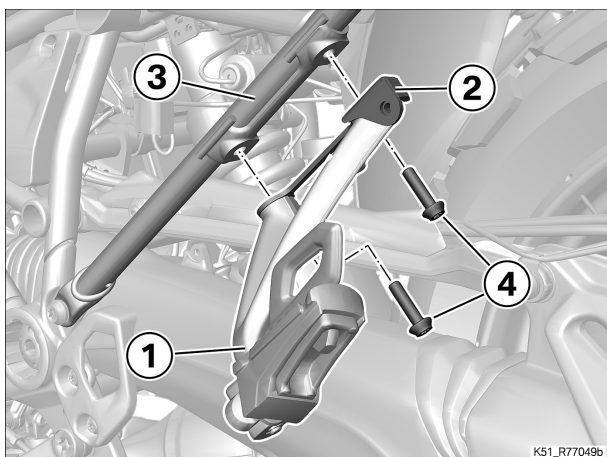
3



► Removing left footrest bracket

- Remove screws (1) and remove footrest bracket (2) from rear frame (3) (screws (1) are subsequently needed for reassembly).

4



► Installing left bracket for case carrier with footrest bracket

- Clean the threads.
- Hold footrest bracket (1) with bracket (2) for case carrier in position on rear frame (3).
- Apply thread-locking compound to screws (4).



Thread-locking compound

Loctite 243, Medium strength

83 19 2 210 339

- Install screws (4).



Tightening torques

Footrest bracket to rear frame

M8 x 30 - 10.9

38 Nm

Thread-locking compound (Micro-encapsulated)

or, Thread-locking compound (Loctite 243, Medium strength)

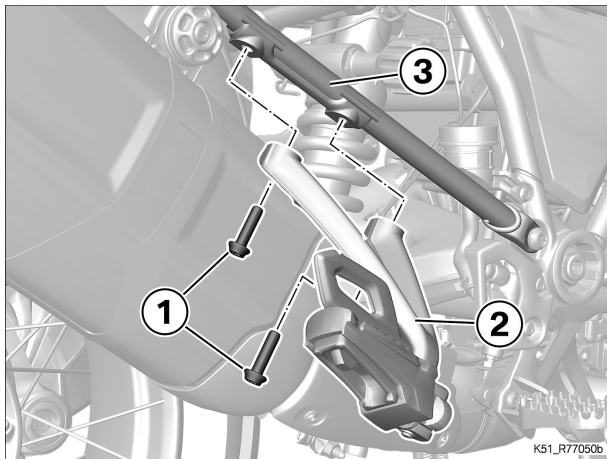
5

► Removing right footrest bracket



Attention

Risk of hard or sharp-edged objects damaging components. Take care not to scratch components; cover or mask as necessary.



Requirement

Silencer is covered by a cloth.

- Remove screws **(1)** and remove footrest bracket **(2)** from rear frame **(3)** (screws **(1)** are subsequently needed for reassembly).

6

► Installing right bracket for case carrier with footrest bracket

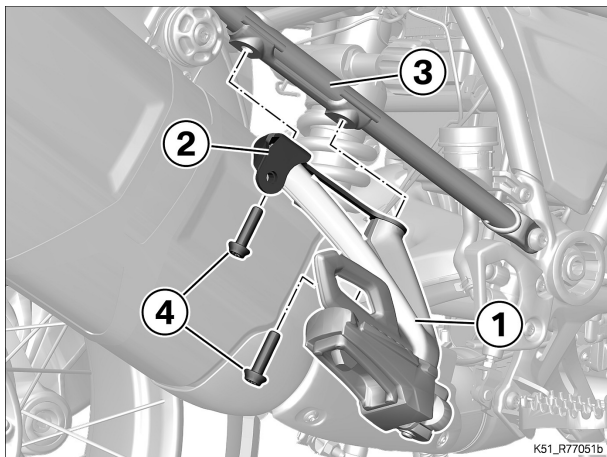


Attention

Risk of hard or sharp-edged objects damaging components. Take care not to scratch components; cover or mask as necessary.

Requirement

Silencer is covered by a cloth.



- Clean the threads.
- Hold footrest bracket **(1)** with bracket **(2)** for case carrier in position on rear frame **(3)**.
- Apply thread-locking compound to screws **(4)**.



Thread-locking compound

Loctite 243, Medium strength

83 19 2 210 339

- Install screws **(4)**.



Tightening torques

Footrest bracket to rear frame

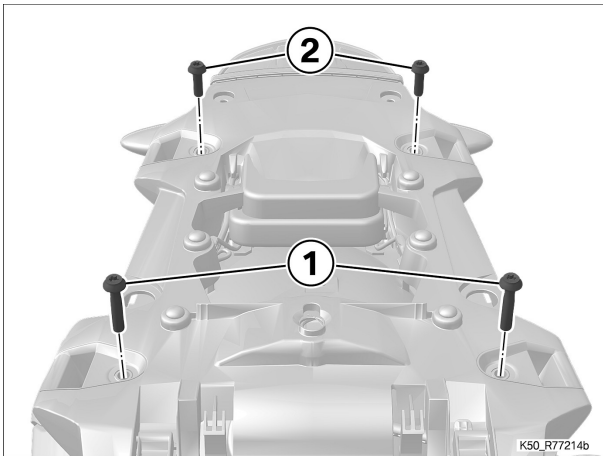
M8 x 30 - 10.9

38 Nm

Thread-locking compound (Micro-encapsulated)

or, Thread-locking compound (Loctite 243, Medium strength)

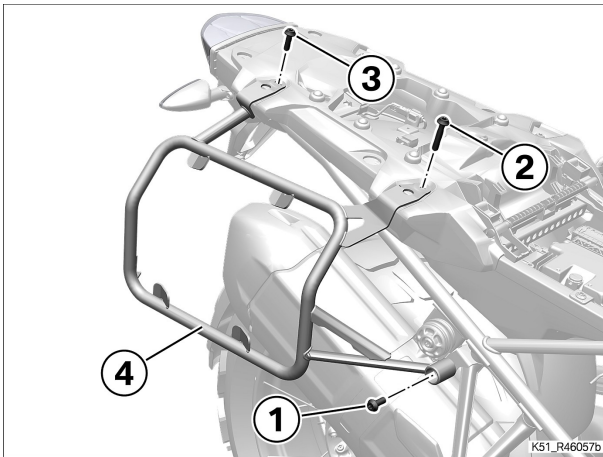
7



► Removing screws for rear carrier

- Remove screws **(1)** and **(2)**.

8



► Installing case carrier

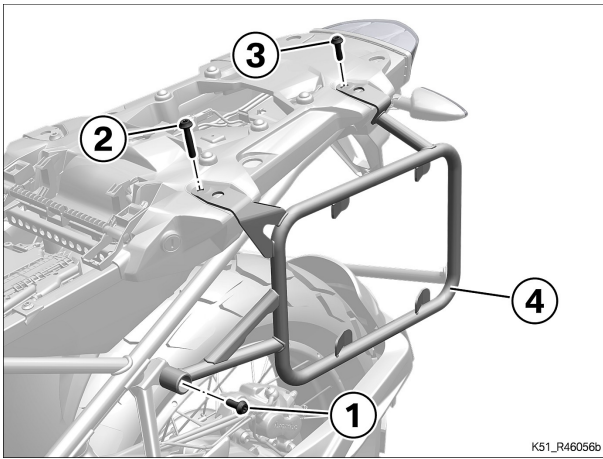
- Clean the threads.
- Hold right case carrier **(4)** in position.
- Install screws **(2)**, **(3)** and **(1)**.



Tightening torques

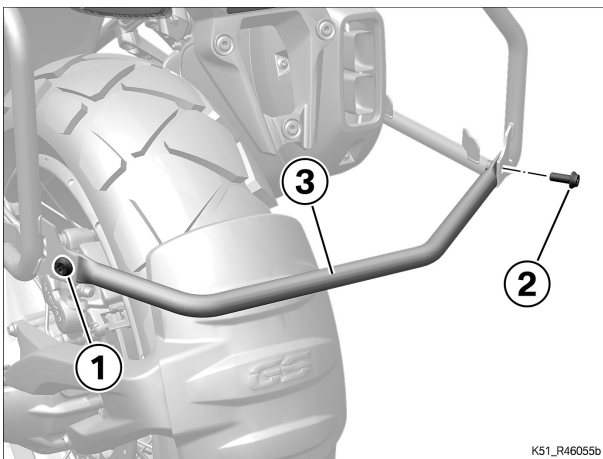
Case carrier to rear frame

top front, M8 x 40 Thread-locking compound (Micro-encapsulated) or, Thread-locking compound (Loctite 243, Medium strength)	19 Nm	
top rear, M8 x 25 Thread-locking compound (Micro-encapsulated) or, Thread-locking compound (Loctite 243, Medium strength)	19 Nm	
Front, M8 x 20	19 Nm	



- Clean the threads.
- Hold left case carrier **(4)** in position.
- Install screws **(2)**, **(3)** and **(1)**.

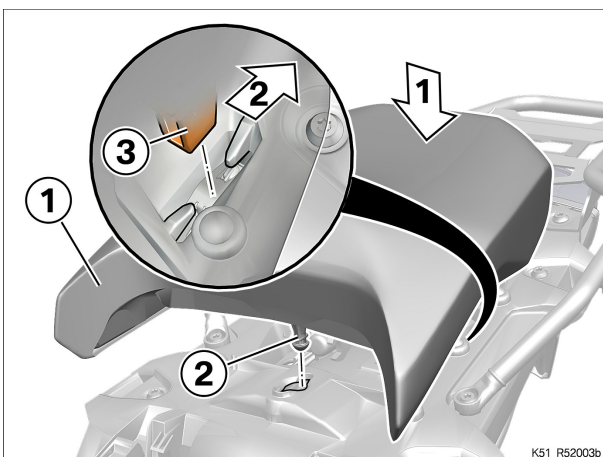
Tightening torques		
Case carrier to rear frame		
top front, M8 x 40 Thread-locking compound (Micro-encapsulated) or, Thread-locking compound (Loctite 243, Medium strength)	19 Nm	
top rear, M8 x 25 Thread-locking compound (Micro-encapsulated) or, Thread-locking compound (Loctite 243, Medium strength)	19 Nm	
Front, M8 x 20	19 Nm	



- Hold cross-member **(3)** in position.
- Insert screw **(2)**.
- Tighten screws **(1)** and **(2)**.

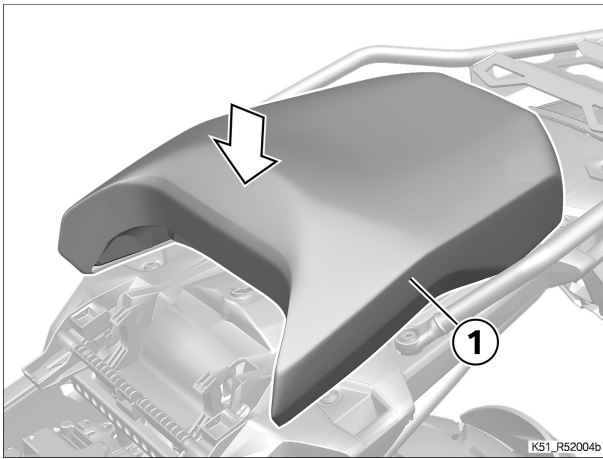
Tightening torques		
Cross-member to case carrier		
M8 x 20	19 Nm	

9



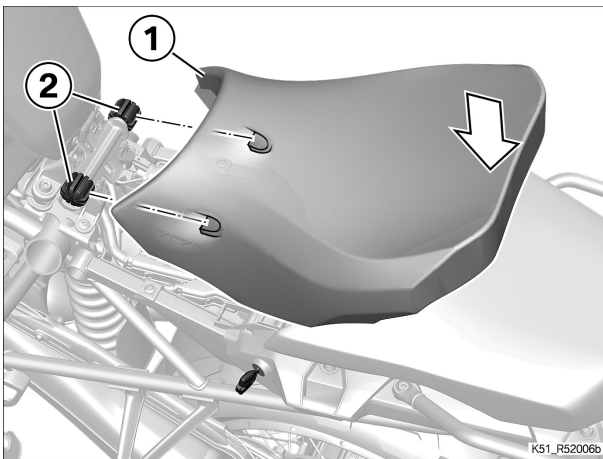
► Installing rear seat

- Hold rear seat **(1)** in position.
 - » Pin **(2)** is centred in the opening.
 - » Lugs **(3)** are centred in the mounts.
- Press down on rear seat **(1)** at the rear and push the seat back.
- Check that rear seat **(1)** is correctly located at the back by lugs **(3)** engaging in the mounts.



- Press down firmly on rear seat **(1)** at the front.
- » Rear seat **(1)** engages with an audible click.

10



► Installing front seat

- Seat front seat **(1)** firmly in bracket **(2)**.
- Firmly press down on front seat **(1)** at the rear.
- » Front seat **(1)** engages with an audible click.

11

► 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.

Always comply with the regulations regarding approval in the country of use.



Note

Applicable in the Federal Republic of Germany:

An entry does not have to be recorded in the vehicle documents.