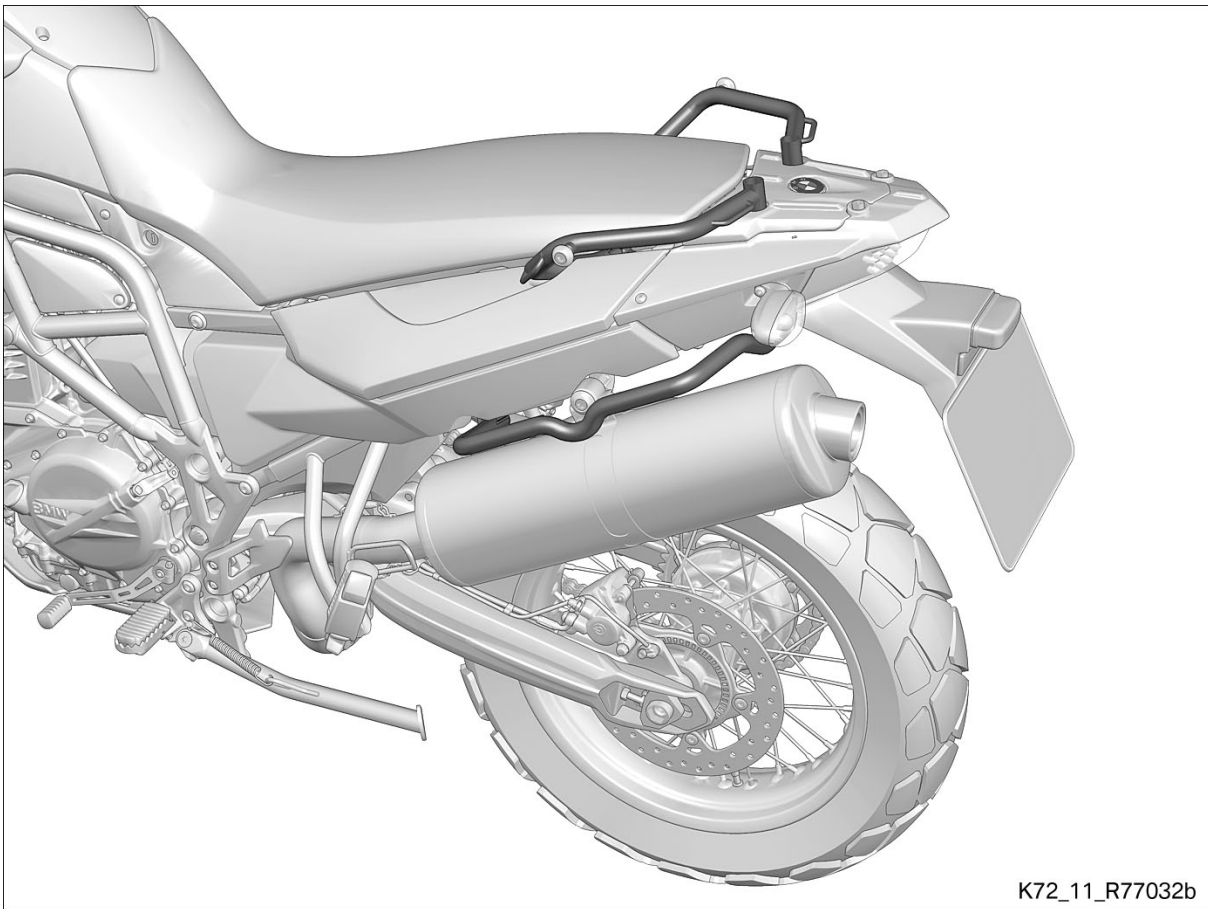


BMW Motorrad

Installation Instructions

Case carrier for Vario cases



K72_11_R77032b



Note

The installation instructions for the F 800 GS (K72/11, 0B02/0B12) apply by analogy for the F 700 GS (K70/11, 0B01/0B11) models and for the F 650 GS (K72, 0218/0228) and F 800 GS (K72, 0219/0229) models.

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.

The range of products we offer includes a very wide variety of type-tested accessories and optional extras, and on account of this diversity all the possible equipment variants cannot be taken into account in these installation instructions. Consequently, the descriptions are restricted to the basic version of the model in question. The procedures for removing and installing other accessories possibly fitted to your motorcycle are described in the installation instructions supplied with the components. 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 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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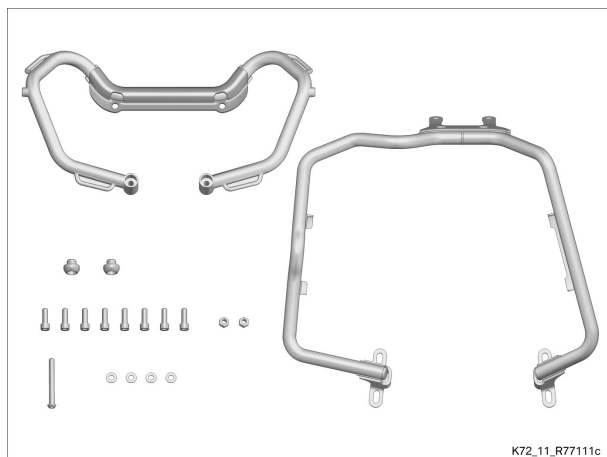
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Case carrier for Vario cases

Requisite tools

- Set of Torx wrenches
- Open-ended/ring spanner, w/f 13
- Torque wrench
- Hook (46 5 721)

Order No.: 83 30 0 402 308



Scope of supply

- Grab handle
 - Case holders
 - mushroom head
 - Socket-head screw M8 X 25
 - Hex nut M8
 - Pan-head bolt, M8 X 75
 - Washer 8
 - Installation Instructions
- 2 of
8 of
2 of
4 of

General instructions



Warning

Risk of injury by snagging or electrical short-circuit.

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



Attention

If it is not standing firmly, the motorcycle could topple in the course of the operations described below. Always make sure that the motorcycle is stable and firmly supported.



Attention

Risk of damaging components.

When removing components, always make a note of the screws used to secure the individual components. Lay these screws safely aside and, unless otherwise stated, re-use them accordingly in the re-assembly process.



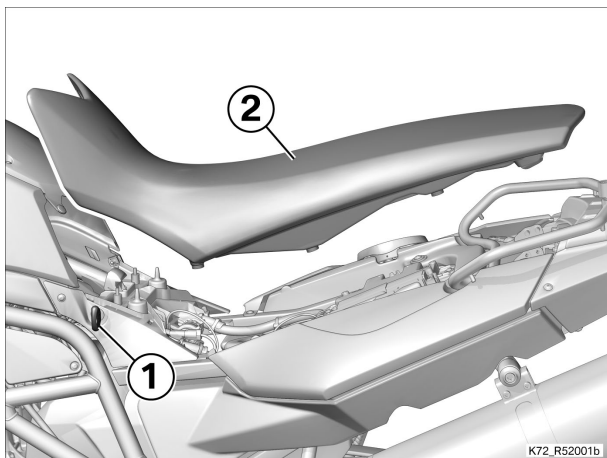
Note

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 42 151 Installing case carrier

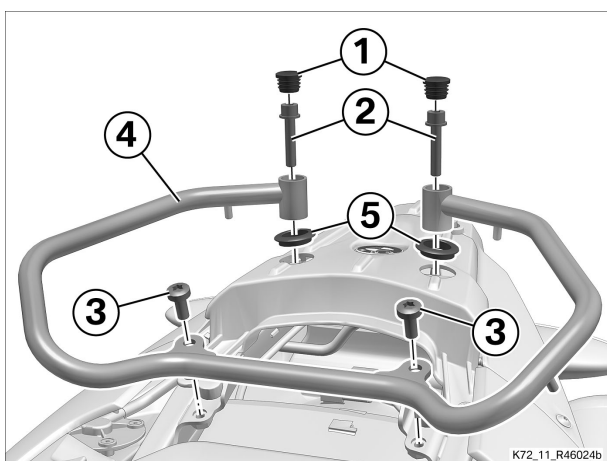
1



► Removing seat

- Open the seat lock with ignition key **(1)**.
- Remove seat **(2)**.

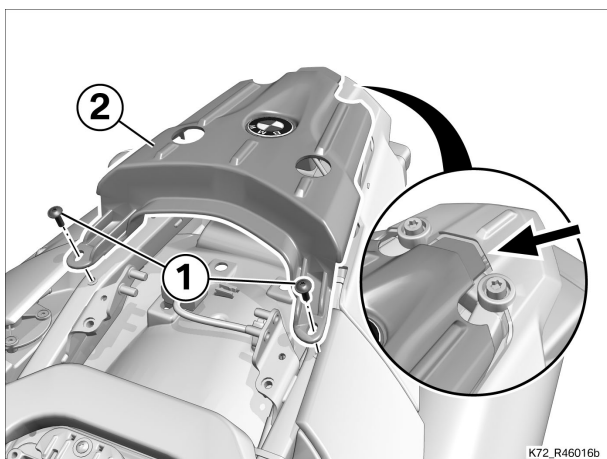
2



► Removing grab handle

- Remove plug **(1)**.
- Remove screws **(2)**.
- Remove screws **(3)**.
- Remove grab handle **(4)**.
- Remove rubber pads **(5)**.

3



► Removing luggage rack

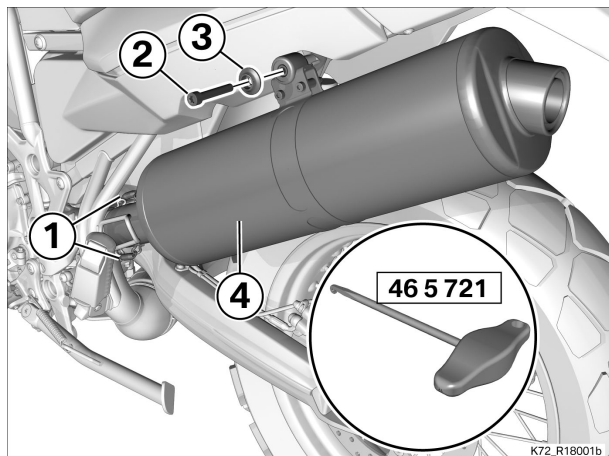
- Remove screws **(1)**.
- Remove luggage carrier **(2)**, noting the guide **(arrow)**.

► Removing end silencer



Warning

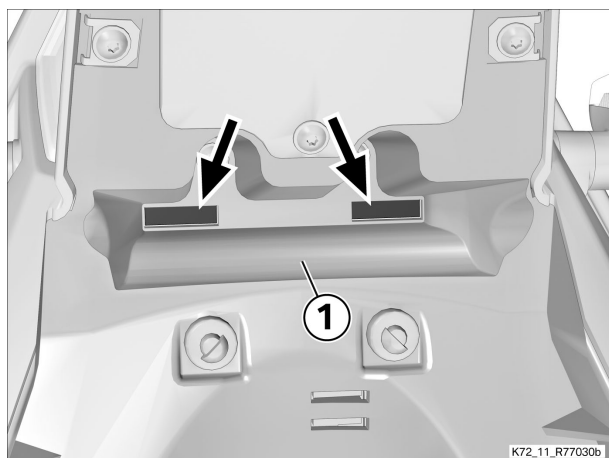
Risk of burns from hot exhaust system.
Do not touch hot parts of the exhaust system.

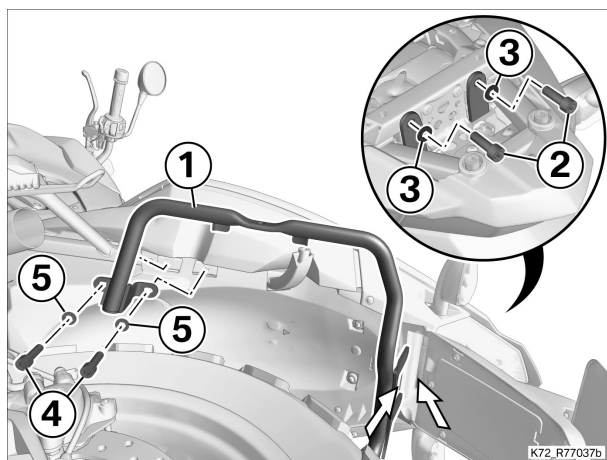


- Remove springs **(1)** with hook (46 5 721).
- Remove screw **(2)** with washer **(3)**.
- Remove end silencer **(4)**.

► Piercing rear-wheel cover

- Using a suitable tool, pierce rear-wheel cover **(1)** at the appropriate spots **(arrows)** for the case carrier.

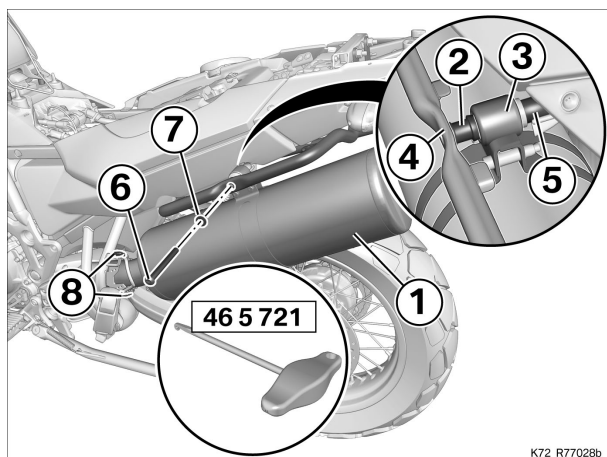




► Installing case carrier, up to model year 2011

▷ Installing case carrier

- Push the lugs (**arrow**) of case carrier (**1**) all the way through the openings in the rear-wheel cover (**arrow**).
- Install screws (**2**) with washers (**3**) in the tapped bores in the rear frame and tighten until hand-tight.
- On each side, position bracket of case carrier (**1**) at the tapped bores in the rear frame, install screws (**4**) with washers (**5**) and tighten until hand-tight.



▷ Installing silencer

- Lightly lubricate the contact faces of the silencer and exhaust manifold.

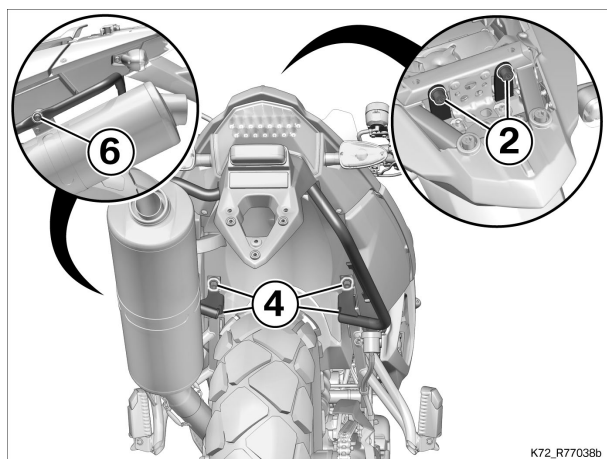


Installation tool

Optimoly TA

18 21 9 062 599

- Fit silencer (**1**) on to the exhaust manifold.
- Position shouldered bushing (**2**) at mount for clamp (**3**) and pivot the silencer up between case carrier (**4**) and mounting point (**5**).
- Install new screw (**6**) with washer (**7**).
- Install springs (**8**) with hook (46 5 721).



▷ Tightening screws

- Tighten screws (**4**) on both sides.



Tightening torques

Case carrier to rear frame at front

M8 x 25

19 Nm

- Tighten screws (**2**).



Tightening torques

Case carrier to rear frame at rear

M8 x 25

19 Nm

- Tighten screw (**6**).

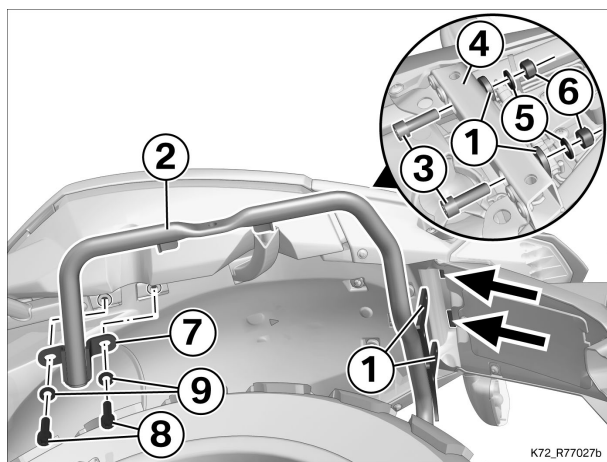


Tightening torques

Case carrier with silencer to rear frame

M8 x 75

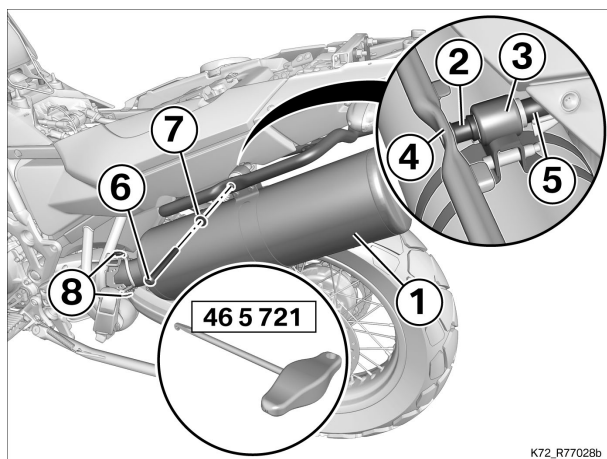
19 Nm



► Installing case carrier, model year 2011 onward

▷ Installing case carrier

- Push lugs (1) of case carrier (2) all the way through the corresponding openings in the rear-wheel cover (arrows).
- Insert screws (3) through the holes in rear frame cross-member (4) and the holes in retainers (1).
- Install nuts (6) with washers (5) and tighten until hand-tight.
- On each side, position bracket (7) of the case carrier at the tapped bores in the rear frame, install screws (8) with washers (9) and tighten until hand-tight.



▷ Installing silencer

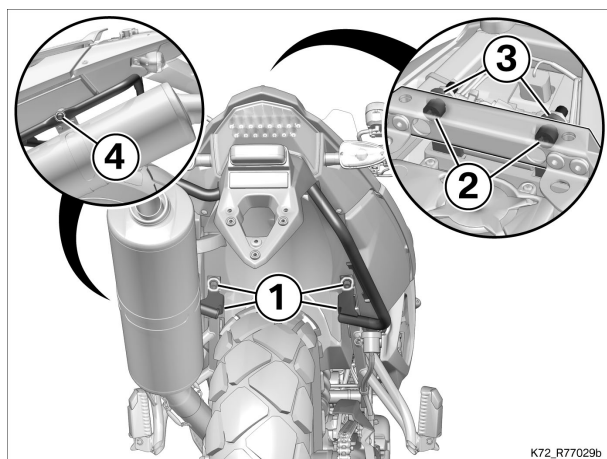
- Lightly lubricate the contact faces of the silencer and exhaust manifold.



Installation tool

Optimoly TA	18 21 9 062 599
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- Fit silencer (1) on to the exhaust manifold.
- Position shouldered bushing (2) at mount for clamp (3) and pivot the silencer up between case carrier (4) and mounting point (5).
- Install new screw (6) with washer (7).
- Install springs (8) with hook (46 5 721).



▷ Tightening screws

- Tighten screws (1) on both sides.



Tightening torques

Case carrier to rear frame at front

M8 x 25	19 Nm	
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- Tighten screws (2) with nuts (3).



Tightening torques

Case carrier to rear frame at rear

M8 x 25	19 Nm	
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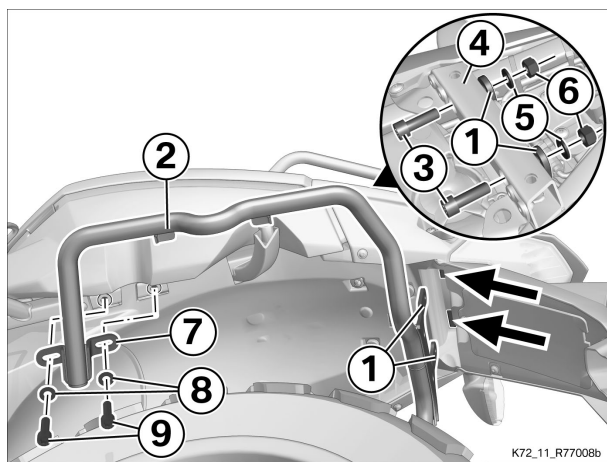
- Tighten screw (4).



Tightening torques

Case carrier with silencer to rear frame

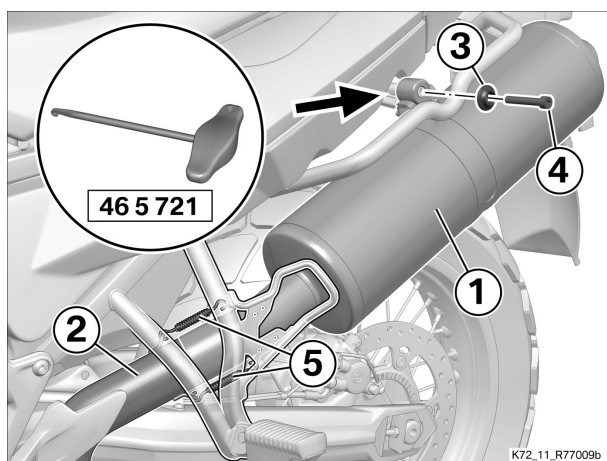
M8 x 75	19 Nm	
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► Installing case carrier, model year 2012 onward

▷ Installing case carrier

- Guide lugs **(1)** of the case carrier **(2)** through the openings in the rear-wheel cover **(arrows)**.
- Slip screws **(3)** through rear frame cross-member **(4)** and lugs **(1)** and secure with washers **(5)** and nuts **(6)**.
- Hold bracket **(7)** in position and install with washers **(8)** and screws **(9)**.



▷ Installing silencer

- Lubricate the contact faces of silencer **(1)** and exhaust manifold **(2)**.

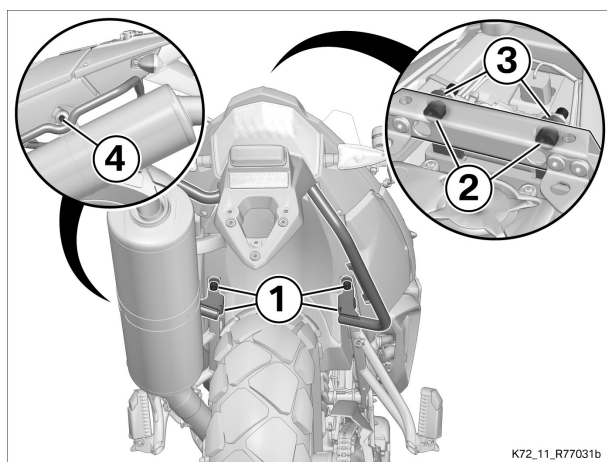


Installation tool

Optimoly TA

18 21 9 062 599

- Position silencer **(1)** on exhaust manifold **(2)**.
- Position silencer **(1)** at the rear-frame mount **(arrow)** and secure with washer **(3)** and screw **(4)**.
- Install springs **(5)** with hook (46 5 721).



▷ Tightening screws

- Tighten screws **(1)** on both sides.



Tightening torques

Case carrier to rear frame at front

M8 x 25

19 Nm

- Tighten screws **(2)** with nuts **(3)**.



Tightening torques

Case carrier to rear frame at rear

M8 x 25

19 Nm

- Tighten screw **(4)**.

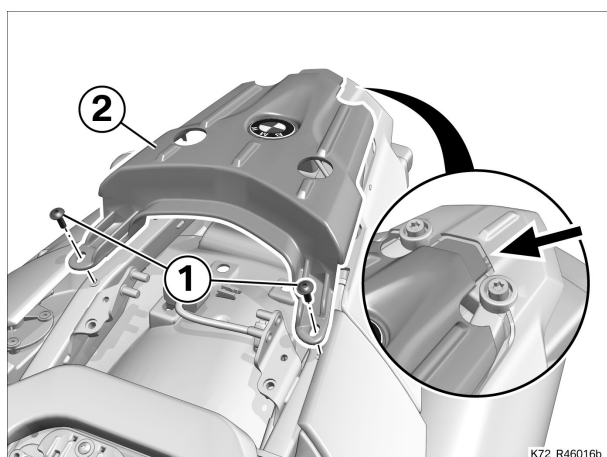


Tightening torques

Silencer to rear frame

M8 x 55

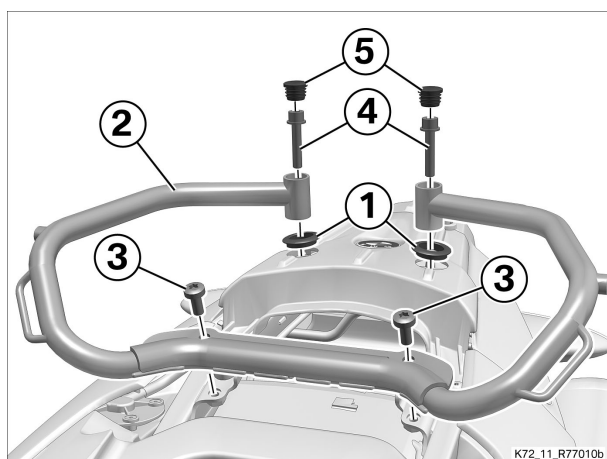
19 Nm



► Installing luggage rack

- Install luggage carrier (2), noting the guide (arrow).
- Install screws (1).

K72_R46016b



► Installing grab handle and mushroom heads

- Position rubber pads (1) with grab handle (2).
- Install screws (3) and (4).



Tightening torques

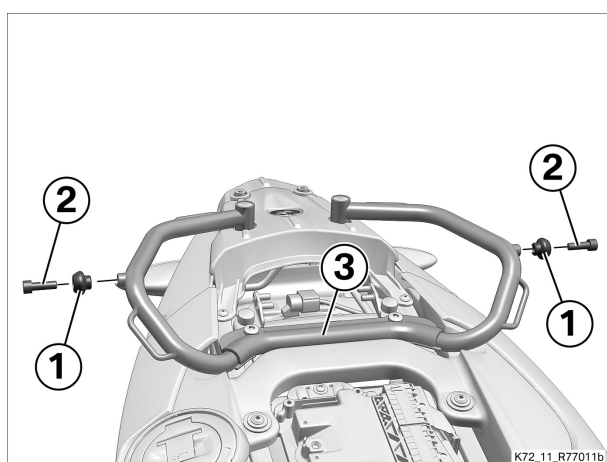
Grab handle to rear frame at front

M8 x 18	19 Nm	
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Grab handle to rear frame at rear

M8 x 35	19 Nm	
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- Install plug (5).



- Install mushroom heads (1) with screws (2) in grab handle (3).

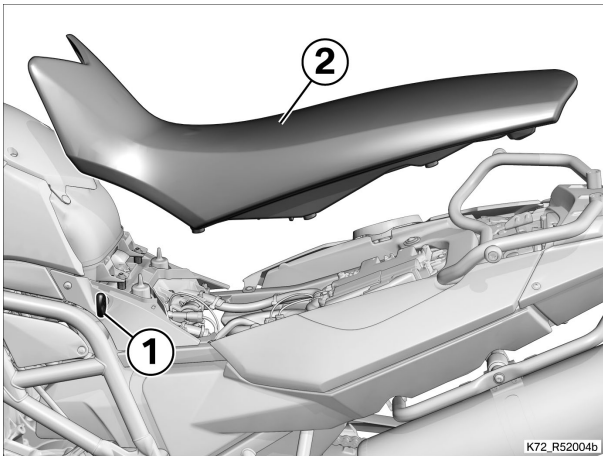


Tightening torques

Mushroom head to grab handle

M8 x 25	19 Nm	
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11



► Installing seat

- Engage seat **(2)** in the holders at the rear.
- Engage seat lock **(1)** by pressing down on the front seat.

12

► 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

For the Federal Republic of Germany:

No entry required in the vehicle's registration papers.