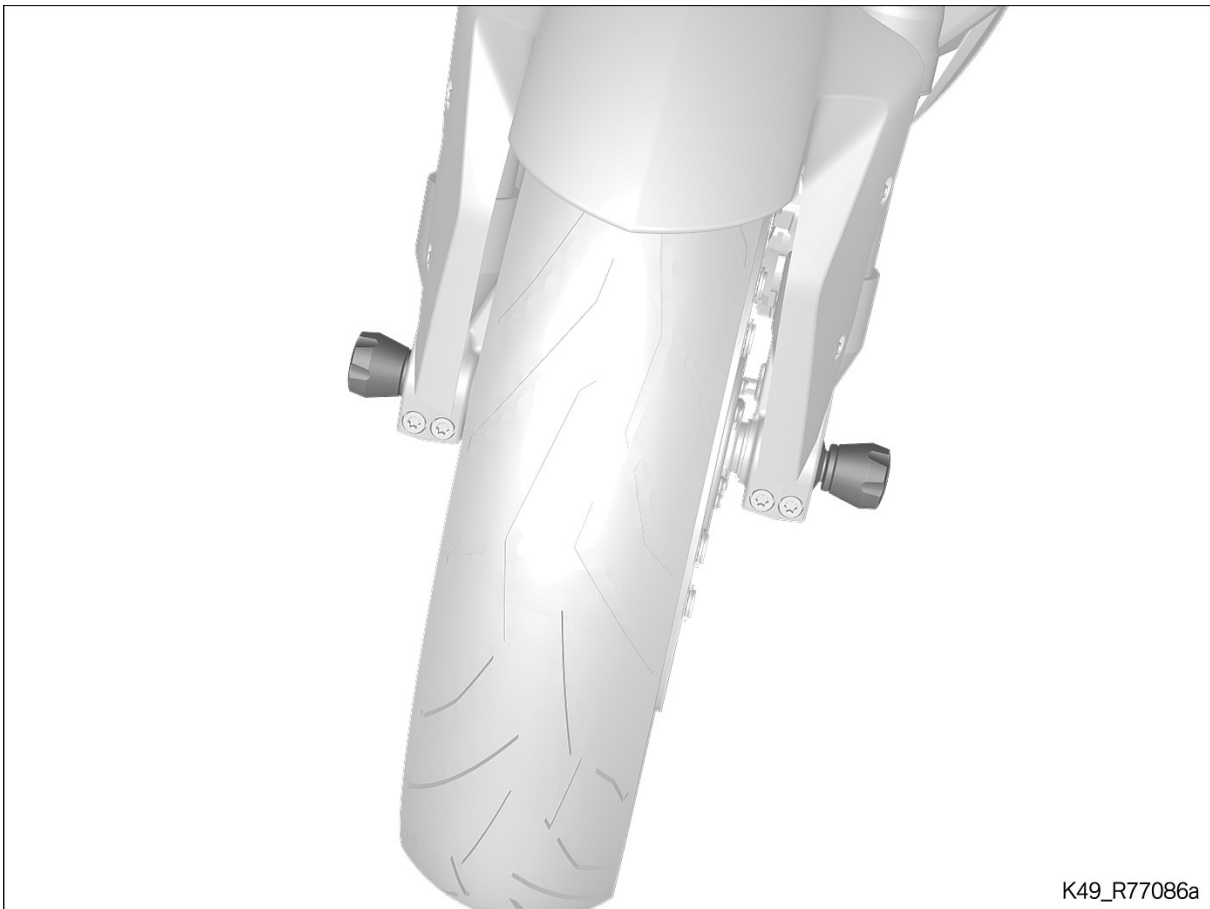


BMW Motorrad

Workshop installation instructions

Guards for front axle



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 precautionary statements in this manual are as follows:



CAUTION

indicates a hazard with a low degree of risk which, if not avoided, could result in slight or moderate injury.



WARNING

indicates a hazard with a medium degree of risk which, if not avoided, could result in death or serious injury.



DANGER

indicates a hazard with a high degree of risk which, if not avoided, will result in death or serious injury.



ATTENTION

Specific instructions and safety precautions intended to prevent damage to the motorcycle and accessories. Non-compliance can void the warranty.



NOTICE

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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Guards for front axle

Requisite tools

- Allen key
- Torque wrench



Scope of supply

- End stopper, left, with cap
- End stopper, right, with cap

General instructions

ATTENTION

Vehicle is not securely propped.

Risk of damage to parts if vehicle topples.

- Prop the vehicle securely.

77 21 007 Installing end stoppers for front axle

– without centre stand^{OE} (0636)

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

1

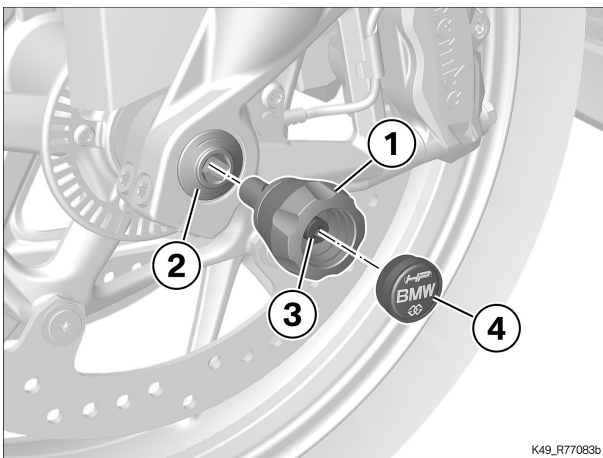
► Installing end stoppers for front axle

NOTICE

It is absolutely essential to install the caps correctly positioned (BMW logo horizontal), because removal without damaging the caps is **not possible**.

▷ Installing left front end stopper

- Insert end stopper **(1)** (small diameter) fully into front axle **(2)** (if necessary, back off clamping screw **(3)** slightly prior to insertion).
- Tighten clamping screw **(3)**.



Tightening torques

End stopper in front axle, left

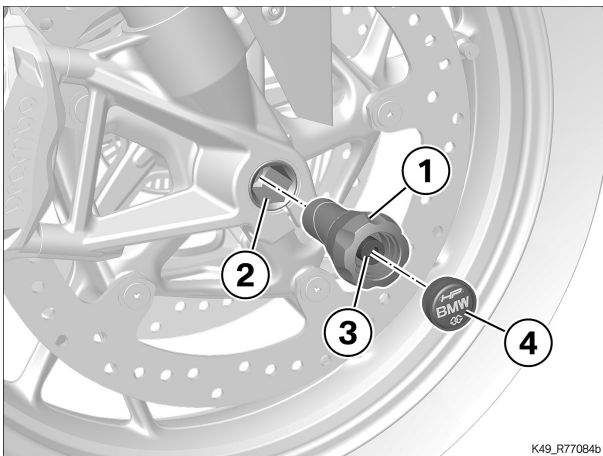
M6 x 50	10 Nm	
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- Install cap **(4)**.

△

▷ Installing right front end stopper

- Insert end stopper **(1)** (large diameter) fully into front axle **(2)** (if necessary, back off clamping screw **(3)** slightly prior to insertion).
- Tighten clamping screw **(3)**.



Tightening torques

End stopper in front axle, right

M8 x 60	24 Nm	
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- Install cap **(4)**.

△

▶

2

► 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.

▷ **Function test, engine start suppression**

Check

- Move the kill switch to the operating position (ON).
- Select neutral.
 - » Neutral telltale light "N" lights up.
- Switch on the ignition.
 - » Neutral telltale light "N" goes out.
- Select a gear.
 - » Neutral telltale light "N" goes out.
- Press the starter button.
 - » Starter does **not** operate.
- Extend the side stand.
 - » Starter does **not** operate.
- Pull the clutch lever.
 - » Starter does **not** operate.
- Press the starter button.
 - » Starter does **not** operate.
- Retract the side stand.
 - » Starter does **not** operate.
- 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.



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

 **NOTICE**

Applicable in the Federal Republic of Germany:

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