

BMW Motorrad

Adjustment specification

Adjusting the ergonomics of the footrest system



Warning

Risk of falling

The footrest system must not be used on public roads if the gearbox shift pattern is reversed.

Before commencing work, you must read these Installation Instructions through carefully and make sure you understand everything they contain.

To put it as concisely as possible - safety always comes first. It's fun to fit accessories, but accessories add up to much more. Accessories make a standard motorcycle into your custom bike. Now, what about your abilities as a mechanic and your hands-on experience? Are you sure that you have all the special tools you'll need?

Your authorised BMW Motorrad dealer will be happy to install this retrofit kit professionally and at reasonable cost.

We offer our customers a very wide range of type-tested accessories and optional extras. This explains why these Installation Instructions cannot describe all the possible equipment combinations. Consequently, we have concentrated on the basic version of the model in question. The procedures for removing and installing accessory components are described in the applicable sets of installation instructions. Consult your authorised BMW Motorrad dealer if the instructions in question are no longer in your possession.

The symbols used to draw attention to safety instructions in this manual are as follows:



Warning

This symbol indicates precautions and measures which are essential in protecting the rider and other persons from 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

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Adjusting the ergonomics of the footrest system

Requisite tools

- Set of Torx wrenches
- Open-ended spanner
- Torque wrench



Footrest, right

- Footrest, right, complete



Footrest, left

- Footrest, left, complete

Also included in scope of supply for adjusting left footrest

- Cranked-tip Torx screwdriver

1

General instructions



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.



Warning

A hot engine can cause burns.
Allow the engine and exhaust to cool before commencing work.



Warning

Injury to persons

Keep children and household pets well away from the work zone.



Warning

Risk of injury by snagging or electrical short-circuit.

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



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.



Attention

Risk of damaging components.

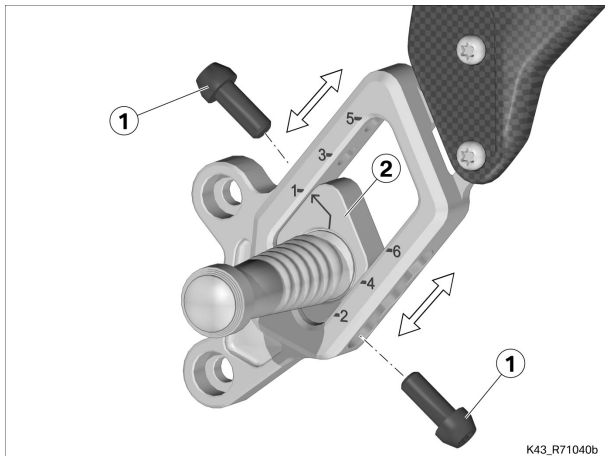
When removing components, always make a note of the screws used to secure the individual components. Set these screws safely aside and, if nothing is indicated to the contrary, re-use these screws for assembly, reinstalling them in their original positions.

71 60 010 Adjusting ergonomics of footrest system

Note

All adjustments are relative to the components' standard installed positions as shown here.

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► Adjusting the footrest

- Remove screws 1.

Note

To move the footrest system from its standard installed position to some other position, use the cranked-tip Torx screwdriver included in the scope of supply to remove and install the upper screw in the adjuster block.

- Adjuster block 2 can be set to any of three positions (1, 3 and 5).
- Install the adjuster block turned upside down if you want to set the footrest to a higher position.
- The footrest can now be set to any of the other three positions (2, 4 and 6).
- Make sure that the footrests are set to the same height on both sides.
- Install screws 1 in the holes to secure the footrest in the desired position.



Tightening torques

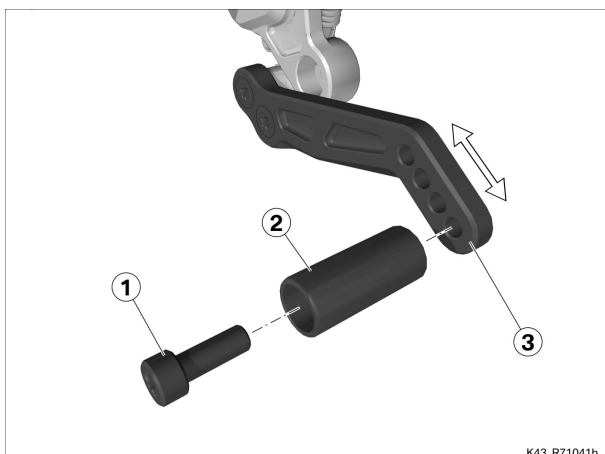
Footrest to holder

M8 x 20

19 Nm

Variable
footrest
system

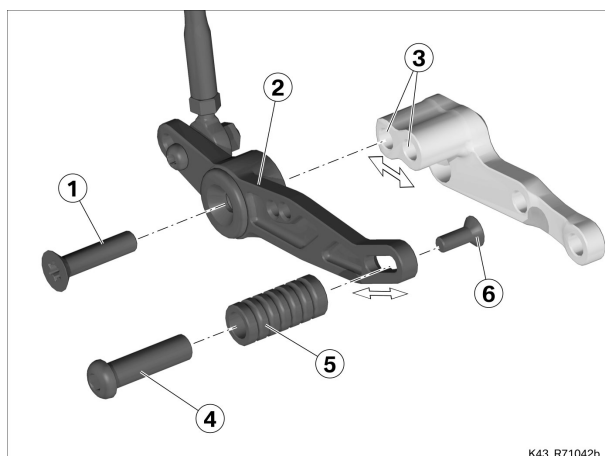
3



► Adjusting the brake lever

- Remove screw 1.
- Remove peg 2 from brake lever 3.
- Peg 2 can now be adjusted linearly to any of four different positions.
- Install screw 1 in the hole to secure the peg in the desired position.

4



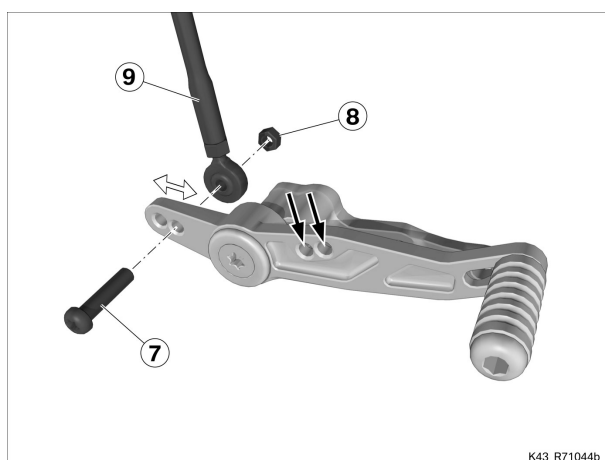
► Adjusting the shift lever

- Remove screw 1.
- There are two holes in pivot 3, allowing shift lever 2 to be set to either of two positions.
- Install screw 1 in the hole to secure the shift lever in the desired position.

Tightening torques		
Shift lever to retaining plate		
M8 x 35	15 Nm	Variable footrest system

- Remove screw 6 from tapped stud 4.
- Peg 5 can now be adjusted linearly to any of three different positions.
- Install screw 6 in tapped stud 4 to secure the peg in the required position.

Tightening torques		
Peg to shift lever		
M6 x 20	8 Nm	Variable footrest system



- Remove nut 8.
- Remove screw 7 from the tapped bore in the shift lever.
- Selector rod 9 can be secured at either of two positions for a normal or a reversed gearshift pattern.

⚠ Warning

Risk of falling

The footrest system must not be used on public roads if the gearbox shift pattern is reversed.

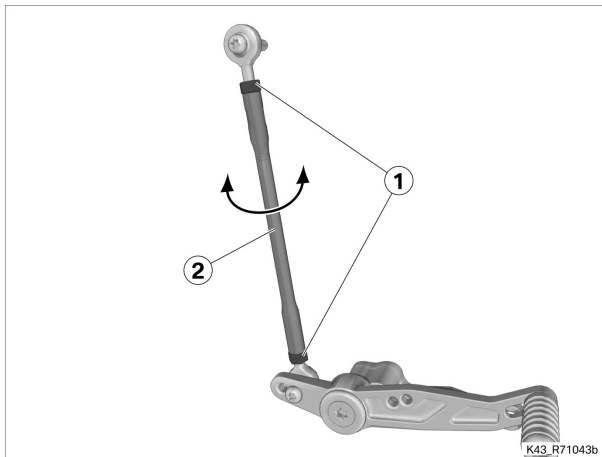
- To select a reversed gearshift pattern (first up, rest down) for the track, position selector rod 9 at the holes indicated **arrows**.
- Install screw 7 in the tapped bore in the shift lever.

 Tightening torques		
Selector rod to shift lever		
	8 Nm	Variable footrest system

- Slip the projecting end of the screw into the hole in the rod end of selector rod **9**.
- Install nut **8** to lock the assembly.

 Tightening torques		
Selector rod to shift lever		
	8 Nm	Variable footrest system

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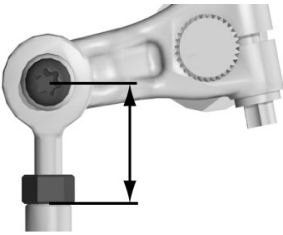


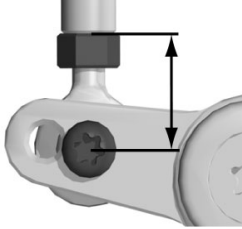
► **Adjusting the height of shift lever**

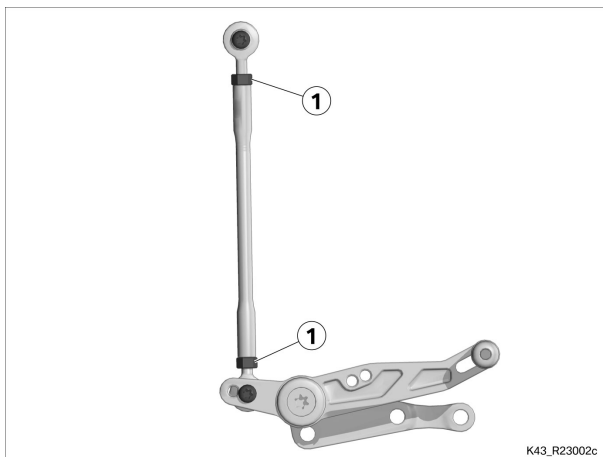
- Slacken locknuts **1**.
- Turn selector rod **2** to adjust the shift lever to the desired height.

▷ **Ensure that selector-rod rod-end settings do not exceed maximum**

- Check the top and bottom rod ends and make sure that neither setting exceeds the permissible maximum length.

 Technical data			
Selector-rod rod-end setting, top			
			
	Basic setting	22.5 mm	Variable footrest system

 Technical data			
		max 28 mm	Variable footrest system
Selector-rod rod-end setting, bottom 			
	Basic setting	22.5 mm	Variable footrest system
		max 28 mm	Variable footrest system



- Tighten locknuts 1.

 Tightening torques		
Selector-rod nut		
M6	8 Nm	Variable footrest system
Selector-rod nut		
M6 left-hand thread	8 Nm	Variable footrest system

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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.