

SPORT EVOLUTION

Mounting instructions

Footrest system
for BMW Paralever Modelle
SE-51-13670-01-015

Notice:

- When dismantling and assembling the motorbike, make sure that the motorbike is stable and secured against falling over!
- Proceed in accordance with the model-specific repair instructions when removing or installing original parts
- Unless otherwise specified, refer to the model-specific repair instructions for tightening torques for screws
- Check / retighten all screw connections after 50-100 kilometres of driving

Please proceed with care !

Incorrect installation can lead to serious accidents and damage to the vehicle. Please note that we cannot accept any warranty for vehicle-specific tolerances. In individual cases, it may be necessary to adapt our product. Please have work on safety-relevant components (e.g. brakes, wheels, pipes, chassis) carried out by specialised personnel only. These installation instructions have been compiled by us to the best of our knowledge, all information is without guarantee. We recommend checking all unsecured bolts regularly and retightening them if necessary. Make sure that your handlebars and wheels can move freely at all times.

How to proceed :

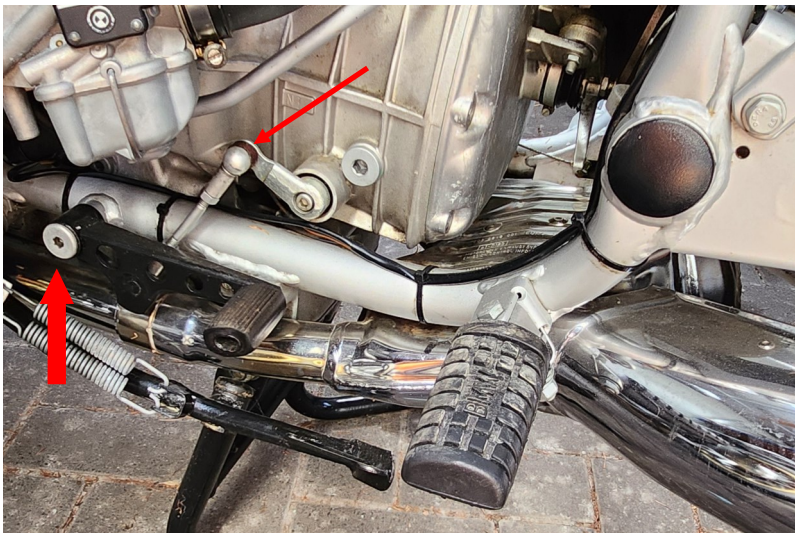
1. Dismantle the original footrests

- ⇒ Loosen and remove the fixing screw and nut on the front footrest
- ⇒ Remove the footrests from the bracket
- ⇒ Press bushing with spring out of footrest

ATTENTION: Footrests are under slight spring tension!

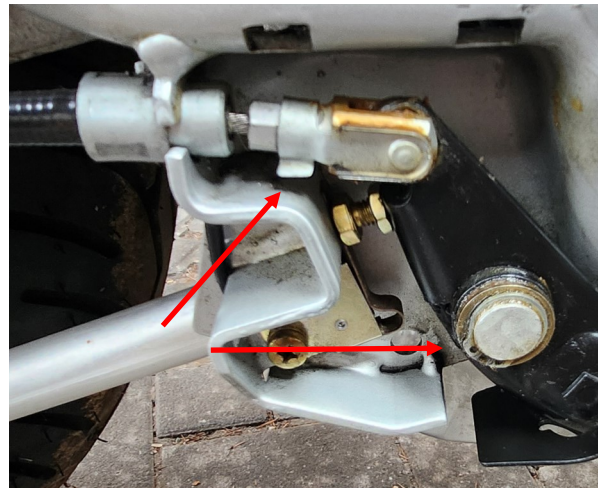
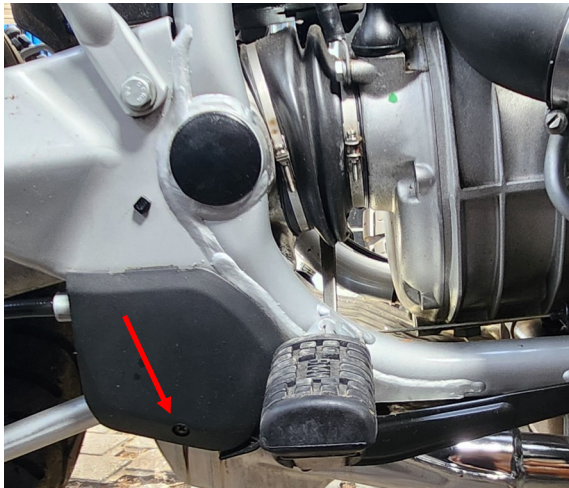
2. Dismantle gear lever

- ⇒ Remove the fuse from the upper ball head of the gear lever
- ⇒ Unhook the linkage lever
- ⇒ Remove the gear lever after loosening the fastening screw



3. Dismantling the brake lever

- ⇒ Remove the Phillips screw in the protective cap, remove the protective cap
- ⇒ Remove the locking bolt from the foot brake lever and remove the Bowden cable
If necessary, reduce tension by loosening the wing nut on the rear brake lever
- ⇒ Release the locking ring on the foot brake lever and remove the foot brake lever



4. Replacing the bearing journals

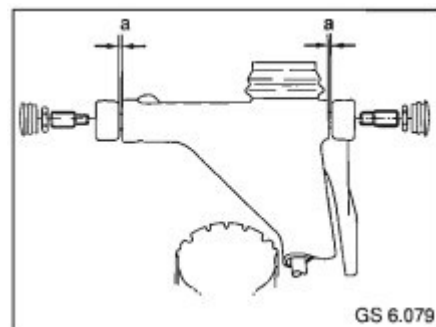
- ⇒ Remove the left/right bearing journal protection caps
- ⇒ Loosen the lock nuts on the bearing journals
- ⇒ Loosen the left/right bearing journals

Note: Do not completely unscrew the bearing journals at the same time !

- ⇒ Remove the bearing bolt on the left-hand side and replace it with the SE bearing bolt supplied. Then replace the bearing bolt on the right-hand side in the same way
- ⇒ Adjust the gap between the swingarm and frame

Please note:

make sure that the gap dimension 'a'
between the frame and Swingarm on
left and right side is identical
(difference max. = 0.5 mm)



- ⇒ Tighten one bearing journal for bearing preload with a tightening torque of 20 Nm.
- ⇒ Loosen the bearing journal and retighten with a tightening torque of 10 Nm
- ⇒ Tighten the second bearing journal with a tightening torque of 10 Nm
- ⇒ Tighten both lock nuts without turning the bearing journals to a tightening torque of 107 Nm.

5. Fitting the SE footrest system on the left

Please note :

To optimise the linkage of the gear lever, the lever on the gearbox should be approximately in the 12 o'clock position. For this purpose, either the lever of the Monolever models can be used or the existing lever must be modified accordingly. If you do not have the possibility to do this or do not feel confident to do so, we offer the modification as a free service.

Please simply add a note to this effect when ordering.



Note :

To replace / remove the lever, drain the gear oil or tilt the machine to the right !

- ⇒ Insert the left-hand retaining bracket into the footrest mount as shown and fasten with M8x40 screw

Do **not tighten** the screw **yet** !



- ⇒ Attach the footrest with lever in the desired position on the detent base plate and fasten with M8x25 screw

For the order of components, see illustration

Tightening torque 20Nm



- ⇒ Fasten the shift rod offset / ball joint head to the shift lever linkage using the M6x22 bolt and M6 self-locking nut

- ⇒ Fasten the pre-assembled detent base plate to the swingarm bolt or mounting bracket using M8x70 and M8x25 screws



Hint:

Lightly grease the screw thread before assembly !

- ⇒ Depending on the selected mounting position of the detents, move the ball joint head in the gear lever linkage and tighten the screw with 8 Nm
- ⇒ Screw the threaded rod into the shift rod offset and screw on the ball joint head
- ⇒ Press on the shift linkage and secure



- ⇒ Set the desired gear lever position and tighten the two M5x15 screws
Tightening torque 6 Nm
 - ⇒ Tighten all screw connections as follows
- | | | |
|----|--|------|
| 1. | M8x70 Detent base plate / swingarm bolt | 20Nm |
| 2. | M8x25 Detent base plate / mounting bracket | 20Nm |
| 3. | M8x40 Mounting bracket / frame | 20Nm |

6. Fitting the SE footrest system on the right

- ⇒ Insert the right-hand retaining bracket into the footrest mount as shown and fasten with M8x40 screw
Do **not tighten** the screw **yet!**
- ⇒ Attach Bowden cable and secure with locking pin
- ⇒ Fit brake adapter as shown and secure with circlip
- ⇒ Set distance between adapter and brake light switch to 13 mm using adjusting screw and secure with lock nut



Please note:

Lightly grease the bearing bolt before fitting the brake adapter !

- ⇒ Refit the protective cap

- ⇒ Attach the footrest with lever in the desired position on the detent base plate and fasten with M8x25 screw

For the order of components, see illustration

Tightening torque 20Nm



- ⇒ Fasten the pre-assembled detent base plate to the swingarm bolt or mounting bracket using M8x70 and M8x25 screws

Hint:

Lightly grease the screw thread before assembly !



- ⇒ Depending on the selected mounting position of the footrest, fasten the ball joint head with external thread in the upper or lower mount position on the brake lever using the M6x16

- ⇒ Set the desired brake lever position and attach the ball joint head with internal thread to the brake adapter using the M6x20 screw



- ⇒ Tighten all screw connections as follows

- | | | |
|----|--|------|
| 1. | M8x70 Detent base plate / swingarm bolt | 20Nm |
| 2. | M8x25 Detent base plate / mounting bracket | 20Nm |
| 3. | M8x40 Mounting bracket / frame | 20Nm |
| 4. | M6 on ball joint heads | 8Nm |