

ANBAUANLEITUNG

mounting instructions • instructions de montage • instrucciones de montaje • istruzioni di montaggio

FBL.05.846.20000


beinhaltet • contains • contient • contiene • contiene

FBL.05.846.10000

FSC.05.846.10000

Item number: **FBL.05.846.10000**Revision: **00** · Date: **11 - 2023**

Brake pedal

 ~ 0.75 h.EASY     DIFFICULT

ENGLISH Thank you for choosing this premium product from SW-MOTECH. Visit our online shop for more information (e.g. model assignments). Required documents (e.g. national type approval) are available there for you to download.

Please read and understand all the instructions, safety information and warnings in these mounting instructions before mounting and using the product in order to avoid injury and damage. Keep these mounting instructions for reference.

This product was developed for vehicles in factory condition. Compatibility with original accessories or accessories from other manufacturers cannot be guaranteed.

These mounting instructions have been prepared to the best of our current knowledge. No legal claims relating to accuracy can be made. Errors and omissions excepted. We reserve the right to make technical and design changes. The copyright is held by SW-MOTECH.

SAFETY WARNING SYMBOL

 This warning symbol is used in these mounting instructions to warn of deadly dangers, injuries or other hazards. The words **DANGER**, **WARNING** or **CAUTION** are used as part of this warning symbol to convey important safety messages and information relating to the installation and use of this product. These words, together with the safety warning symbol, mean:

 **DANGER:** Indicates a hazardous situation which, if not avoided, will result in death or serious injury!

 **WARNING:** Indicates a hazardous situation which, if not avoided, may result in death or serious injury!

 **CAUTION:** Indicates a hazardous situation which, if not avoided, may result in minor or moderate injury!

 **NOTE:** Important information, but not relating to a risk of death or injury (property damage only)!

GENERAL INFORMATION

 **WARNING:** Assembly and/or maintenance of this product requires advanced technical skill, appropriate tools, and a good understanding of tool usage and torque specifications. For your own safety, SW-MOTECH recommends having the assembly and/or maintenance carried out by a qualified and certified motorcycle workshop.


 **WARNING:** If you do choose to assemble this product yourself, carefully and fully read the mounting instructions before assembly and use, and follow all instructions to avoid serious injury or death. Also observe all relevant information in the vehicle manual when mounting or using the product. IF YOU DO NOT UNDERSTAND ANY PART OF THESE MOUNTING INSTRUCTIONS OR NEED AN EXPLANATION AS TO A SPECIFIC INSTRUCTION, DO NOT ATTEMPT TO INSTALL THIS PRODUCT WITHOUT CONSULTING SW-MOTECH FOR ASSISTANCE!

PREPARATION: Read the mounting instructions carefully and make sure that all parts on the parts list are available.

 **CAUTION:** Ensure that your vehicle is standing securely. Switch off the engine and remove the ignition key. Allow the engine/exhaust to cool down if necessary. Disconnect the battery when working on the electrical system. Only use proper tools and always wear safety goggles and gloves during assembly and maintenance. Have a second person help you with assembly and maintenance.

ASSEMBLY: All parts and connections removed from the vehicle must be reinstalled according to the vehicle manufacturer's specifications or replaced with parts and hardware supplied by SW-MOTECH.

 **WARNING:** Secure all threads with a medium-strength liquid threadlocker, unless otherwise specified.

 **DANGER:** Tightening torques not defined by SW-MOTECH must be obtained from the vehicle manufacturer or a certified motorbike workshop.

FUNCTIONAL CHECK: After mounting the product, ensure that no moving parts are obstructed and that the function of the vehicle is not impeded. Cables and hoses must not rub against each other and/or be hindered in any way.

 **WARNING:** Carry out a comprehensive functionality check before you start to drive. Check the tightening torque of all connections and the tight fit of the product after the first 50 km and then at regular intervals. Mounted accessories can change the handling and stability of the vehicle.



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Take note of the symbols and what they mean in the ASSEMBLY section. If the term OEM appears in the ASSEMBLY section, the vehicle manufacturer's specifications must be observed and applied.



If you have any questions, please don't hesitate to contact our Customer Service team or our distributors. You can find our telephone number and a list of our distributors in our online shop:

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Use thread locker: Indicates that a thread must be coated with liquid thread locker. H (HIGH): high strength; M (MEDIUM): medium strength; L (LOW): low strength.



Tighten/note the tightening torque information:

Indicates the tightening torque of a part specified by SW-MOTECH or the vehicle manufacturer (OEM).



Do not use thread lock: Indicates that no liquid thread lock should be used at this point.

PARTS LIST - READ AND KEEP MOUNTING INSTRUCTIONS!

3

1



FBL.05.846.900.01.02

 **1/1**

2



FBL.00.127.003.36

 **1/1**

3



M6 x 50; DIN 912
SC.ST.06.050.01.912.088

 **1/1**

4



M6; DIN 985
MU.ST.06.01.985.08

 **1/1**

5



FBL.00.127.005.01

 **2/2**

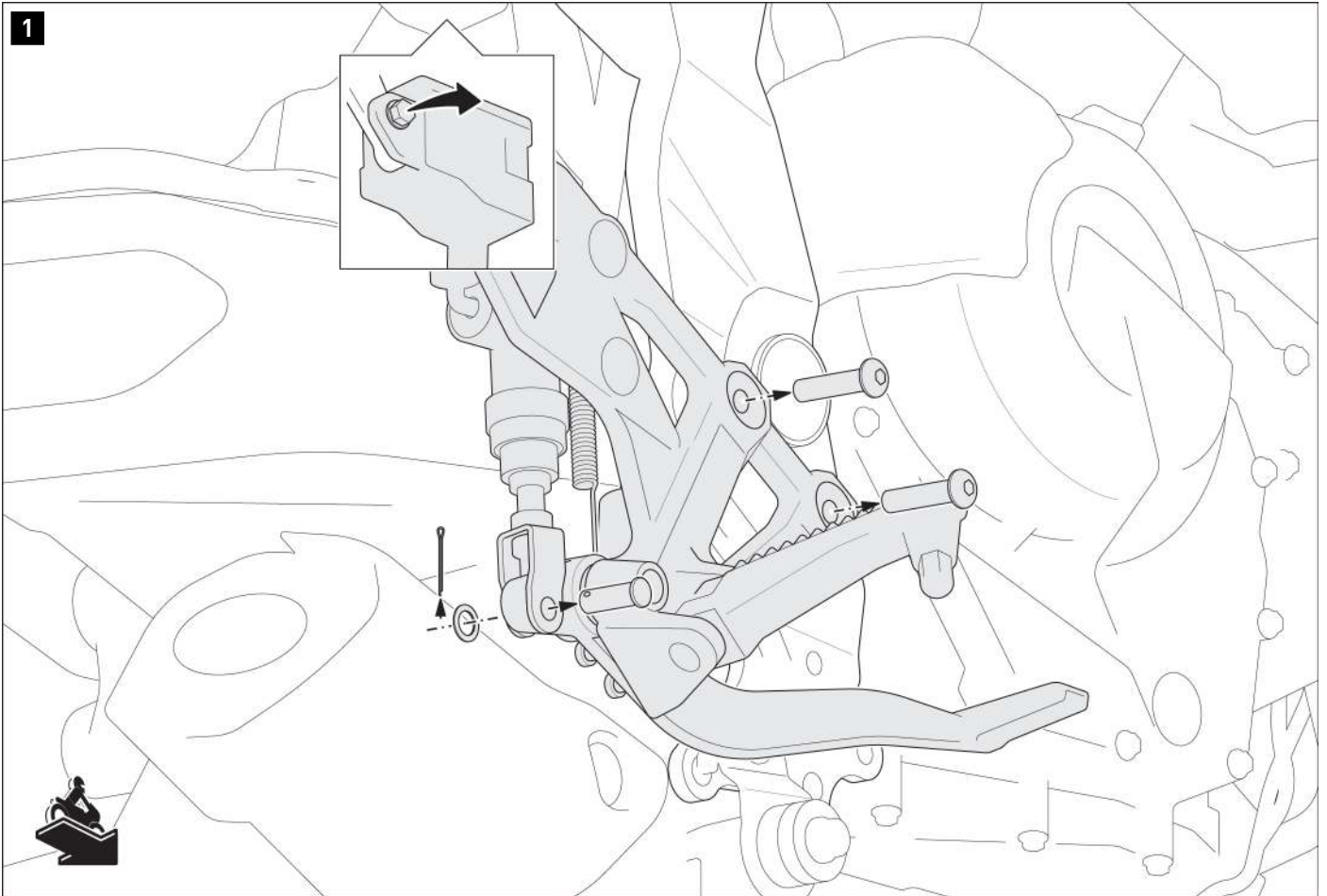
5

6



SP.ST.020.016.01.94

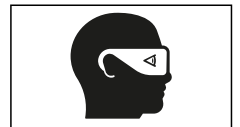
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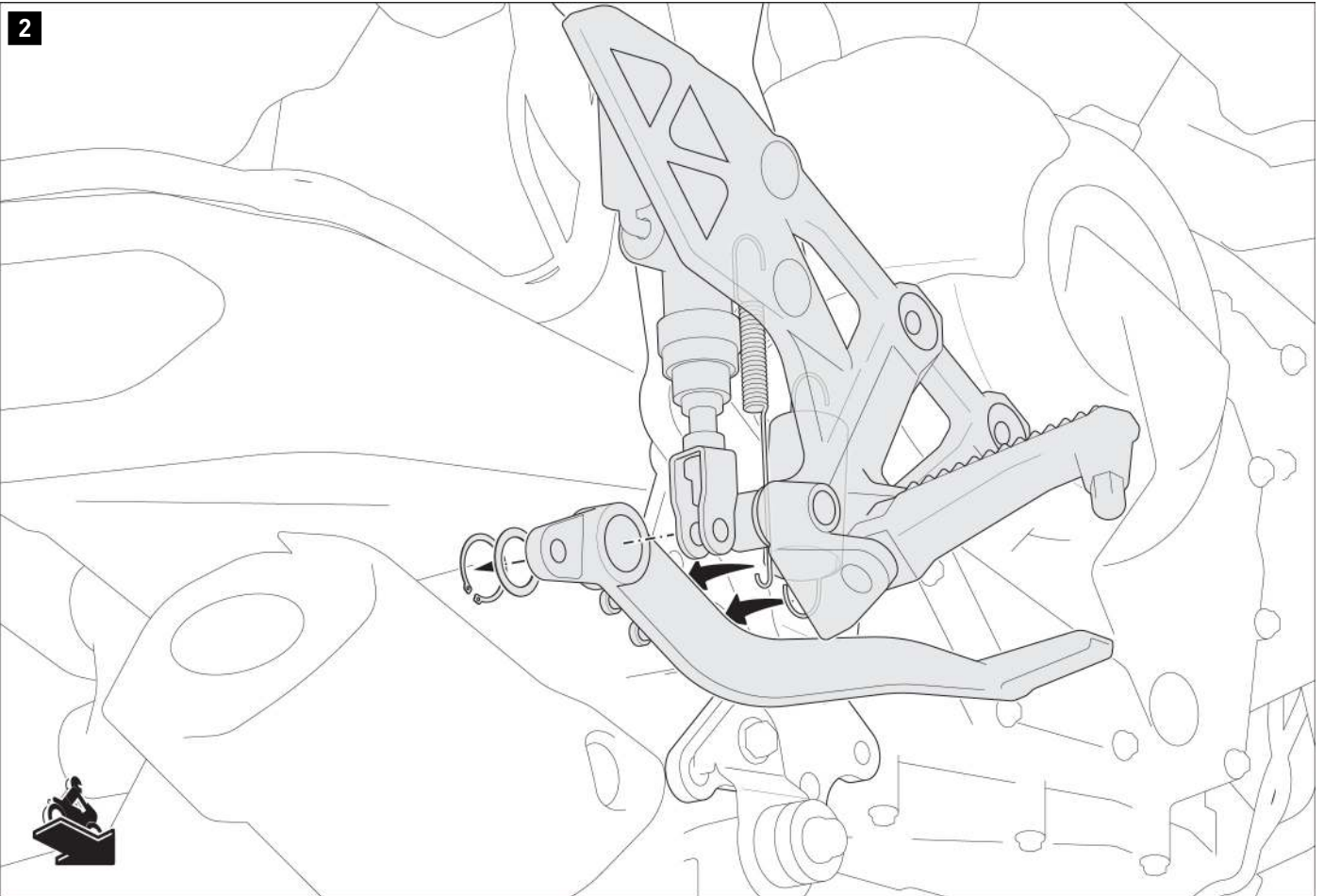


⚠ DANGER: A brake pedal is a safety-relevant attachment! For your safety, SW-MOTECH recommends that installation and/or maintenance MUST be carried out by a qualified and certified specialist workshop!

⚠ WARNING: Always wear eye and hand protection!
⚠ WARNING: Always use the proper tools!

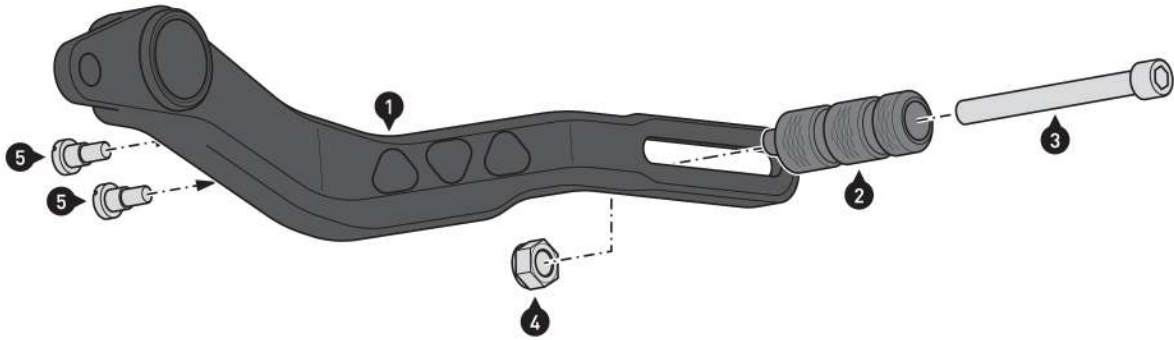
Unscrew the bolt from the master cylinder. Loosen the original screws from the footrest mount and from the master cylinder expansion tank.





Release the springs from the brake lever. Then remove the original brake lever and the parts shown from the footrest mount.

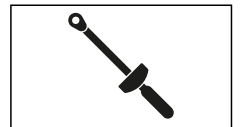
3

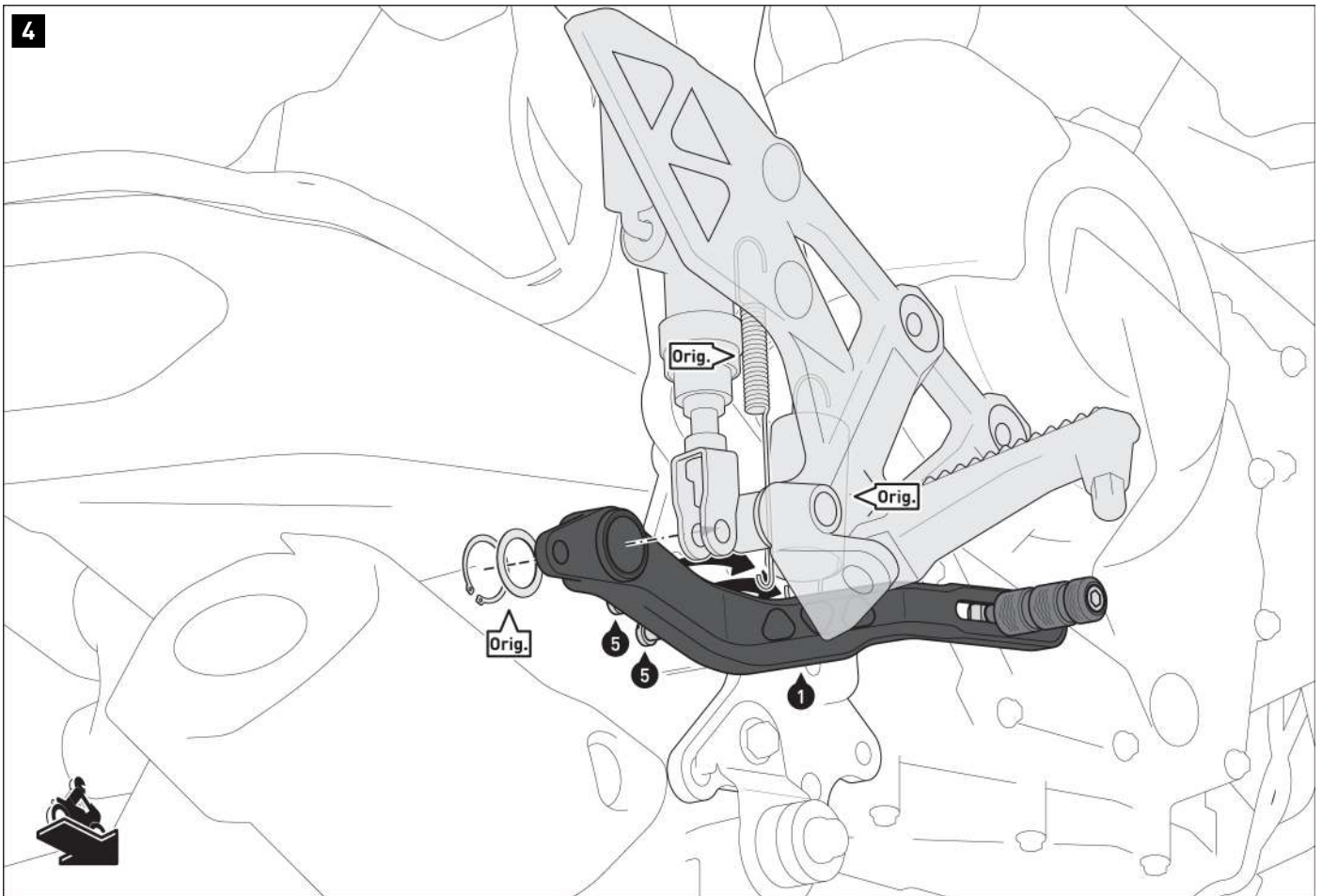


Screw the parts shown together.

▲ WARNING: Use liquid thread locker (cradle suspension (5))

Tighten the cradle suspension (5) as specified in the mounting instructions.
Do not tighten the screw (3) yet.

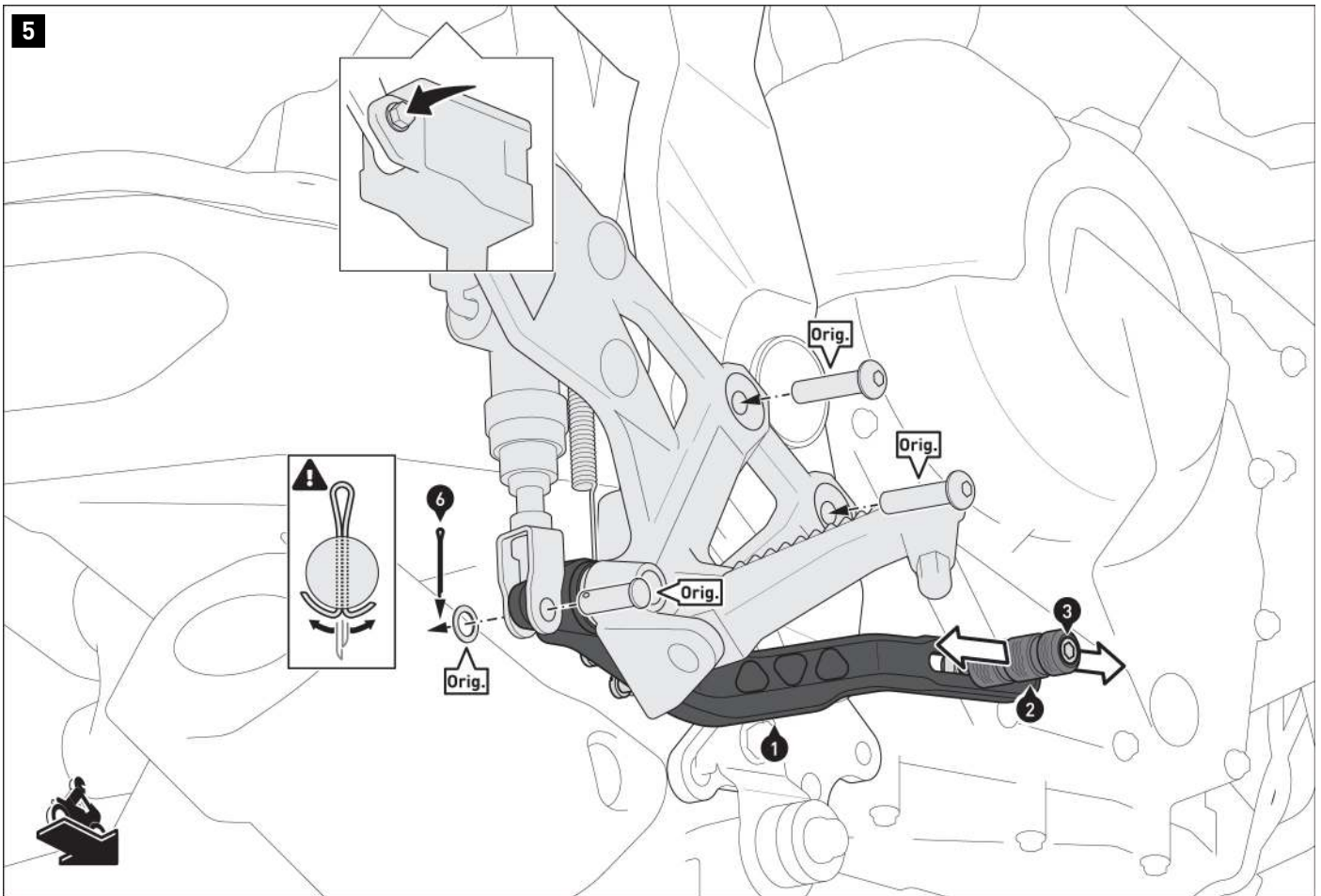




Screw the brake lever to the vehicle using the original parts (Orig.).

▲ WARNING: Make sure to hook the ends of the original springs (Orig.) onto the cradle suspension (5).





Connect the brake pedal (1) to the brake master cylinder. Use the original parts (Orig.).
Secure the original bolt (Orig.) with the enclosed cotter pin (6).

Screw the footrest mount and the master brake cylinder expansion tank back onto the vehicle using the original screws (Orig.).

▲ WARNING: Use liquid thread locker (original screws (Orig.) of the footrest mount)

Tighten the screws (Orig.) according to the manufacturer's instructions.

Adjust the pedal (2) according to your driving habits.
Then tighten the screw (3) as specified in the mounting instructions.



PRODUCT-SPECIFIC NOTES

⚠ DANGER: Finally, have a comprehensive functional check of your vehicle's brake system carried out by a qualified and certified specialist workshop!

⚠ WARNING: The cornering and ground clearance may be restricted by this product in the case of extreme inclination!

⚠ NOTE: Observe the country-specific regulations for registering/operating your vehicle or the applicable TÜV regulations. Have parts subject to registration entered in the vehicle documents by your inspection authority after installation.

If a national type approval is available for this product:

You must always carry the national type approval supplied with the product with you! This national type approval only applies to the models listed and must comply with all requirements! For use with a vehicle not listed here, the entry must be made in the vehicle documents!

The vehicle assignments in the national type approval document are expanded annually. As a result, the national type approval for a new product may only take place a few months after the market launch. If your model is not listed or if you no longer have the national type approval document, please visit the Download section of our web shop. The current version of the national type approval document will be available there.

Item number: FSC.05.846.10000

Revision: 00 · Date: 12 - 2023

Gear lever

 ~ 1 h.

EASY     DIFFICULT


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 **DANGER:** Tightening torques not defined by SW-MOTECH must be obtained from the vehicle manufacturer or a certified motorbike workshop.



FUNCTIONAL CHECK: After mounting the product, ensure that no moving parts are obstructed and that the function of the vehicle is not impeded. Cables and hoses must not rub against each other and/or be hindered in any way.

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Do not use thread lock: Indicates that no liquid thread lock should be used at this point.

PARTS LIST - READ AND KEEP MOUNTING INSTRUCTIONS!

2

1



FSC.05.846.900.01.02

 1/1

2



FSC.00.127.700

 1/1

3



M6 x 16; DIN 7991
SC.ST.06.016.01.7991.088

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4



M6; DIN 985
MU.ST.06.01.985.08

 1/1

5



KTM.54603069100

 1/1

6



M6 x 25; ISO 7380
SC.ST.06.025.02.73800.109

 1/1

7



Ø 11,5 / ø 6,4 / h 6
DB.ST.0115.0064.0060.48

 1/1

8



M6 x 30
GEW.ST.06.030.01.976L.088

 1/1

4

9



FSC.00.127.011.36

 1/1

10



M6 x 25; DIN 912
SC.ST.06.025.01.912.088

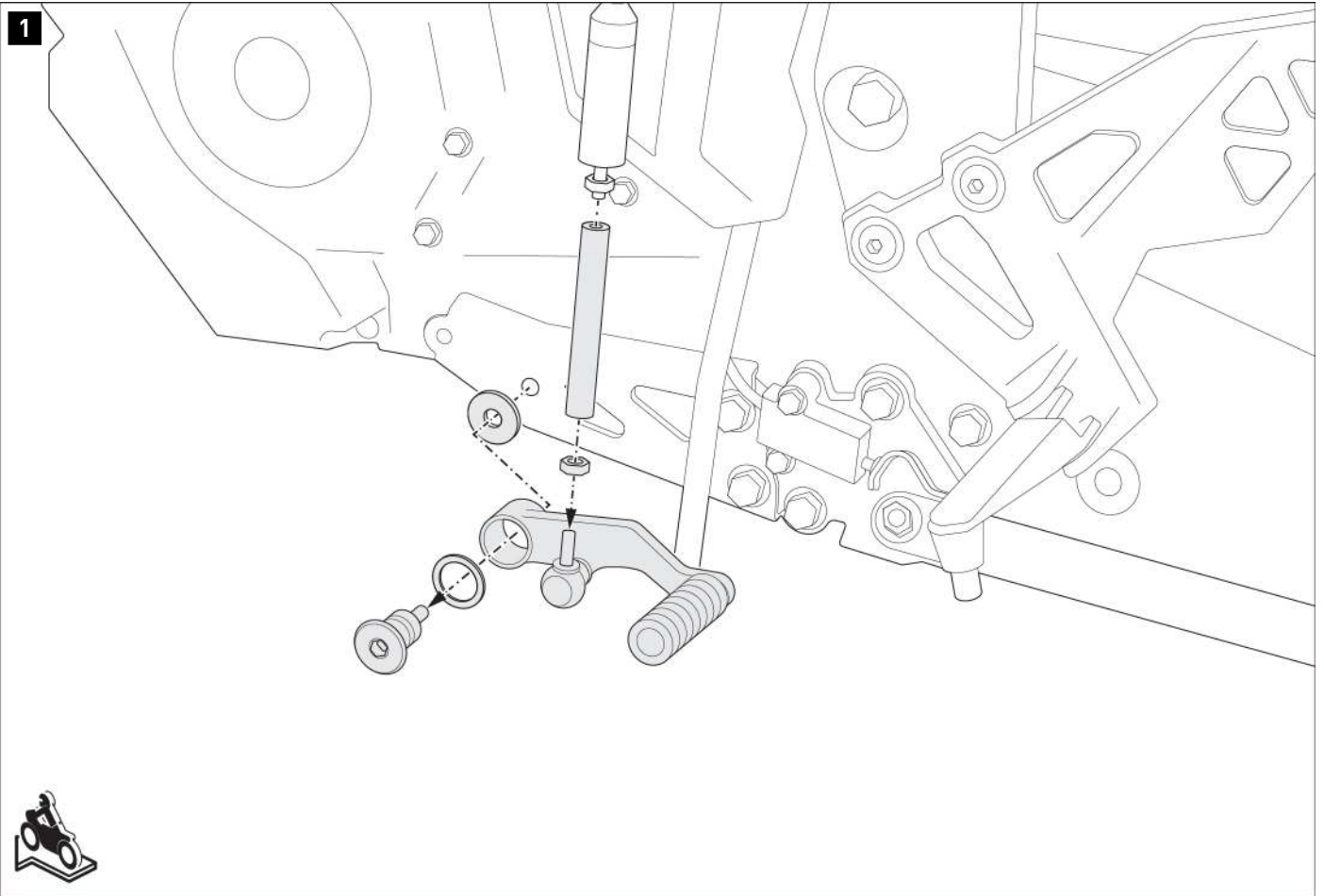
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11



FSC.00.127.022.02

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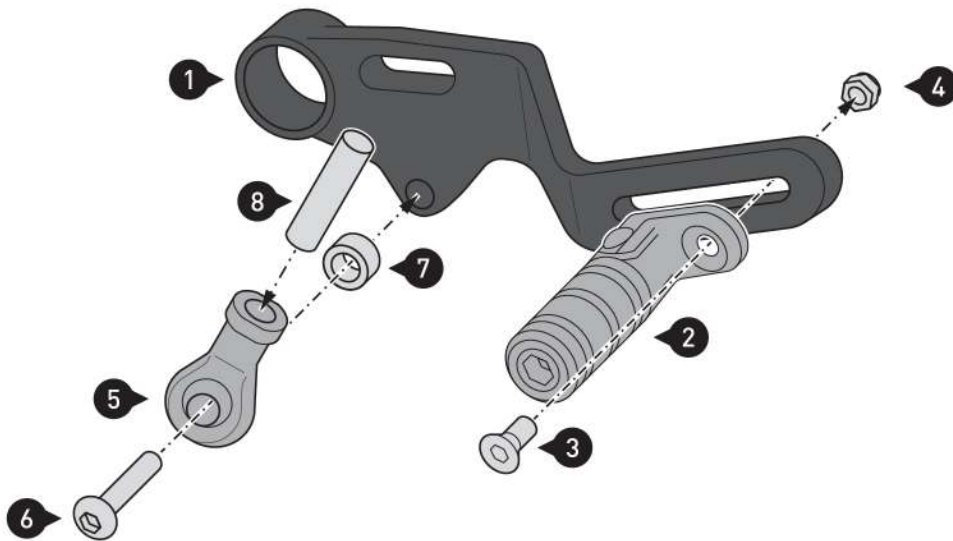


- ▲ **WARNING: Always wear eye and hand protection!**
- ▲ **WARNING: Always use the proper tools!**

Loosen the parts shown; remove the original gear lever from the vehicle.



2















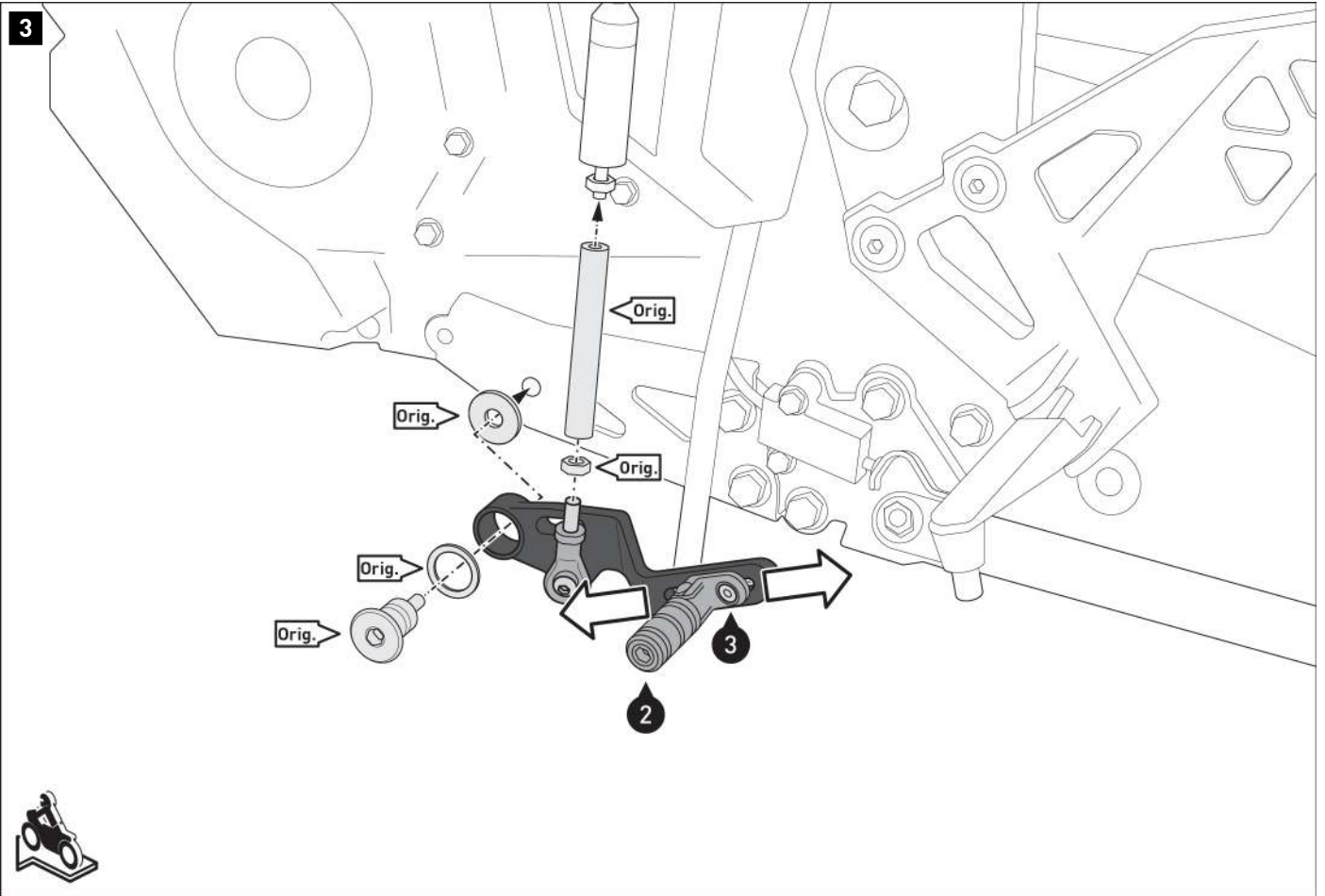
⚠ NOTE: The assembly of the optional attachments (9) - (11) is described in step [4].

Screw the parts shown to the gear lever (1).

⚠ WARNING: Use liquid thread locker (only for screw (6))!

Tighten the screw (6) as specified in the mounting instructions.
Do not tighten the screw (3) yet.

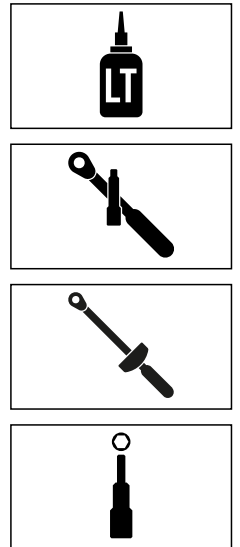
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 3 ×1 ⚠ 9 Nm		
 4 ×1		
 5 ×1		
 6 ×1 M ⚠ 9.6 Nm		
 7 ×1		



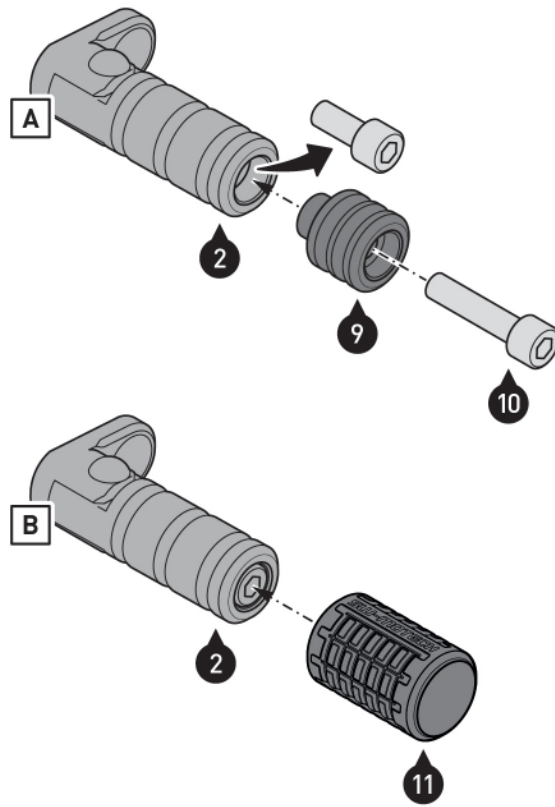
Screw the original deflection rod (Orig.) to the gear lever (1) (min. 6 threads); lock the thread with the two original nuts (Orig.).

Screw the shift gear (1) to the vehicle using the original screw (Orig.).
▲ WARNING: Use a liquid threadlocker!
 Tighten the original screw (Orig.) according to the manufacturer's instructions.

Adjust the tread (2) according to your driving habits.
 Then tighten the screw (3) as specified in the mounting instructions.



4



NOTE: This step is optional.

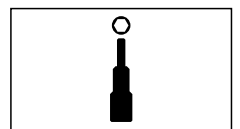
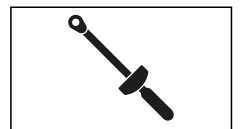
Option [A]: Remove the factory-installed screw from the pedal (2).
Screw the pedal extension (9) to the pedal (2).

WARNING: Use a liquid threadlocker!

Tighten the screw (10) as specified in the mounting instructions.

Option [B]: Pull the rubber sleeve (11) over the pedal (2).

Make sure that the inner rings of the rubber sleeve (11) sit in the recesses of the pedal (2).



PRODUCT-SPECIFIC NOTES

⚠ WARNING: The cornering and ground clearance may be restricted by this product in the case of extreme inclination!

⚠ WARNING: After installing the gear lever, ensure that all components in the area are not in any way restricted in movement! Shift through all the gears and make sure that the position of the gear lever suits your driver's needs!

⚠ NOTE: Observe the country-specific regulations for the registration/operation of your vehicle or any applicable TÜV regulations. Have parts subject to registration entered in the vehicle documents by your inspection authority after installation.