



SW-MOTECH MSS.04.835.10001/B, MSS.04.835.10001/S Engine Guard Installation Guide

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SW-MOTECH MSS.04.835.10001/B, MSS.04.835.10001/S Engine Guard



MOUNTING INSTRUCTIONS

- Thank you for choosing this premium product from SW-MOTECH. Please carefully read and understand all instructions, safety messages and warnings in this mounting instructions prior to installation and use of this product to avoid injury.
- This product was developed for vehicles in their factory setting. Compatibility with original accessory parts or other manufacturers' accessory parts is not guaranteed. Visit our webshop for additional information, such as application charts and PDF mounting instructions. Any other documents that may be required (e.g. ABE certifications), are also available for download at our webshop.
- Keep these mounting instructions as reference.
- SW-MOTECH assumes no liability for damage caused by improper installation and/or maintenance work!

SAFETY ALERT SYMBOL

- This safety alert symbol is used throughout these mounting instructions to warn of the possibility of death, bodily injury or other warnings. The words DANGER, WARNING and CAUTION are used with this safety alert symbol to convey important safety messages and information related to the installation and use of this product. These words along with the safety alert symbol mean:
 - **DANGER:** Indicates a hazardous situation that, if not avoided, will result in death or serious injury!
 - **WARNING:** Indicates a hazardous situation that, if not avoided, could result in death or serious injury!
 - **CAUTION:** Indicates a hazardous situation that, if not avoided, could result in minor or moderate injury!
 - **NOTICE:** Important information, but not death or injury related [property damage only]!
- **WARNING:** The installation and/or maintenance of this product requires advanced mechanical skills, the proper tools, and a thorough understanding of tool use and torque specifications.
- For your own safety, SW-MOTECH recommends having installation and/or maintenance carried out by a qualified and certified motorcycle mechanic.
- **WARNING:** Should you choose to self-install this product, carefully and completely read all installation and safety instructions before installation and use, and follow all the directions and safety precautions given in the mounting instructions to avoid serious injury or death. Also pay attention to all relevant information in the vehicle manual during installation and use. IF YOU DO NOT UNDERSTAND ANY PART OF THESE INSTRUCTIONS, OR NEED CLARIFICATION OF ANY INSTRUCTION, DO NOT ATTEMPT TO MOUNT THIS PRODUCT WITHOUT CONTACTING SW-MOTECH FOR ASSISTANCE.
PREPARATION: Read the mounting instructions carefully and make sure that all items of the parts list are included.
- **CAUTION:** Make sure that your vehicle is parked safely and cannot fall over. Turn off the engine and remove the ignition key. Let the engine/exhaust cool off if necessary. Disconnect the vehicle battery when working on the electrical system. Use appropriate tools and wear always safety glasses and hand protection. Have another person help you.
- **MOUNTING:** All parts and connections removed from the vehicle must be reinstalled in accordance with the vehicle manufacturer specifications or replaced by parts and hardware delivered by SW-MOTECH.
- **WARNING:** Secure all threads, unless otherwise specified, with medium- strong strength liquid thread locker. Torque specifications undefined by SW-MOTECH must be obtained from the vehicle manufacturer or by a certified motorcycle workshop

- **FUNCTION CHECK:** After installation also make sure that no moving parts are obstructed, and function of the vehicle is not hindered in any way. Cables and hoses must not rub and/or be pinched.
- **WARNING:** Before starting to ride, perform a comprehensive check of all functions. After the first 50 km and then at regular intervals, check the tightening torque of all connections and the proper fit of the product.
Installed accessories can change driving behavior/stability of the vehicle

PARTS LIST

S c h r i t t S t e p	N r. N o. .	Art.-N r. / Bezeichnung Item No. / Description	Part	An za hl b Q ua nti ty b	N- m ,	
	1 1 1	MSS.04.835.009	Mounting Bracket	1 / 1		
	(2)	MB x 30; DIN 912	Hexagon Socket Screw	2 / 2	20	
	(3)	0 8,4; DIN 125	Washer	2 / 3		
	(4)	0 25 / 0 8,2 / h 4	Spacer	21 2		
	(5)	MSS.04.835.010 / 011	Mounting Bracket; left/ right	2 / 2		
	(6)	M6 x 35; DIN 912	Hexagon Socket Screw	21 2	7	
	(7)	0 6,4; DIN 125	Washer	21 2		

a , 1 1	(8)	M6; DIN 9 6927	Lock Nut with Flange	2 / 4		
		MSS.04.835.005L / R	Mounting Bracket; left/ right	21 2		
	(1 0)	M6; DIN 6927	Lock Nut with Flange	2 / 4		
	1					
		MSS.04.835.004	Mounting Bracket	1 / 1		
	(1 2)	MB x 40; DIN 912	Hexagon Socket Screw	1 / 1	20	
	(1 3)	08,4;DIN125	Washer	1 / 3		
	(1 4)	MB; DIN 6927	Lock Nut with Flange	1 / 1		
		MSS.04.835.901. 01	Engine Guard; black/ silver	1 / 1		
	(1 6)	MS x 25; DIN 799 1	Countersunk Screw; black/ silver	6 / 6	10	

(1 7)	0 8,4	Countersunk Washer; black/ silver	6 / 6		
(1 8)	MS x 20; DIN 933	Hexagon Socket Screw	3 13	18	
(1 9)	0 8,4; DIN 9021	Washer; black/ silver	3 13		
Regelgewinde / Coarse Thread 01 M4 M5 M6 MB M10 M12		Regelgewinde/ Coarse Thread 01 M4 M5 M 6 1 MB M10 M12			
Stahl FK 8.8 / Steel CL 8.8 N·m 2, • 8 5,5 9,6 23 46 79		StahlFK10.9/SteelCL10.9 N·m 4,1 8,1 14 34 67 115			

Note: All measurements in millimeters. b The second number indicates the total quantity of the part in the delivery. c No torque specifications: Use the torque defined by vehicle manufacturer! The standard torque in this table can be used as long as it is within the vehicle manufacturer's specifications.

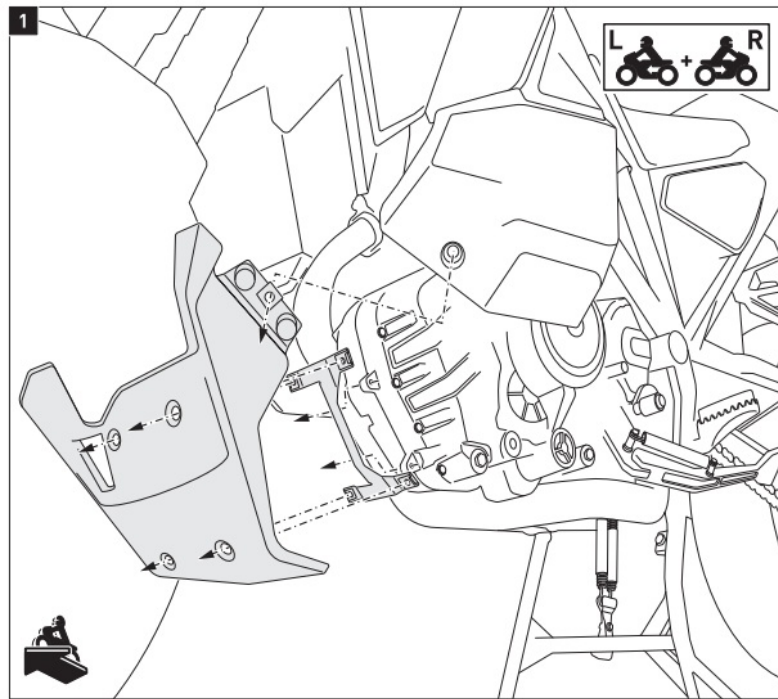


MOUNTING

WARNING: Always wear eye and hand protection!

WARNING: Always use the appropriate tools!

Loosen the screws on both sides of the vehicle and remove the fairing part and its holding bracket.



NOTICE: To mount the engine guard together with the SW-MO TECH crash bar f•J, mount the components as shown in the detail drawing.

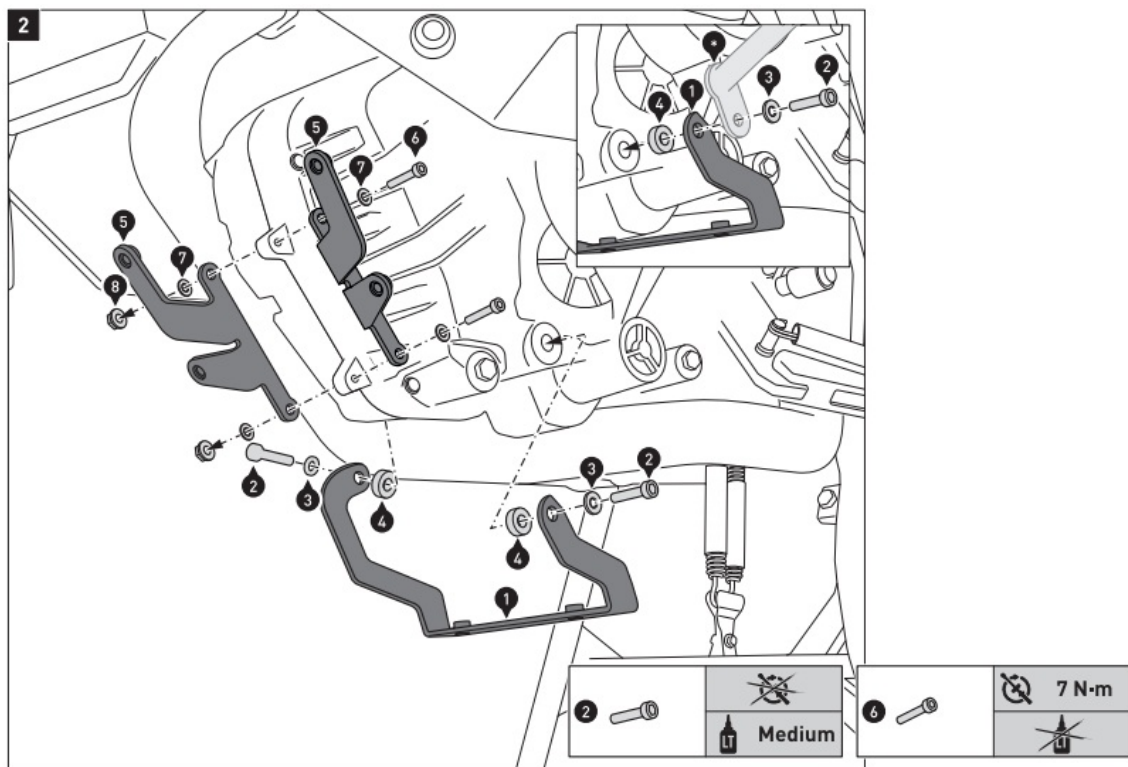
In order to mount the engine guard with the OEM crash bar, the spacer (4) is omitted.

Attach the mounting brackets (1) and (5) to the vehicle.

WARNING: Use liquid thread locker for screws (21)!

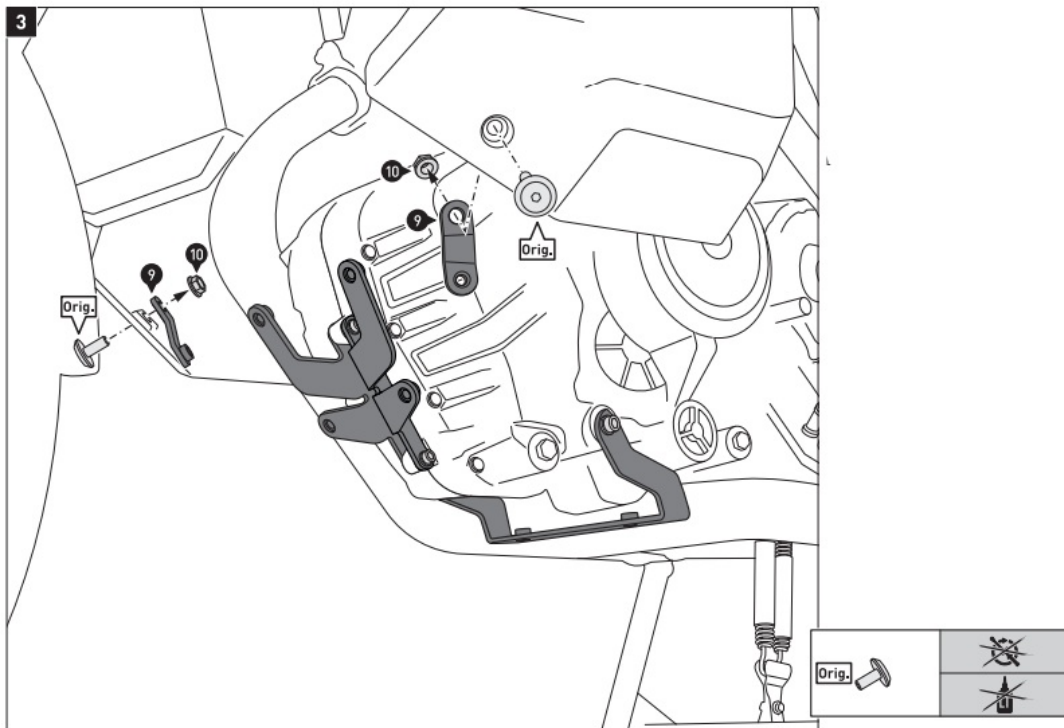
Do not fully tighten the screws (2) yet.

Tighten the screws (6) as specified.

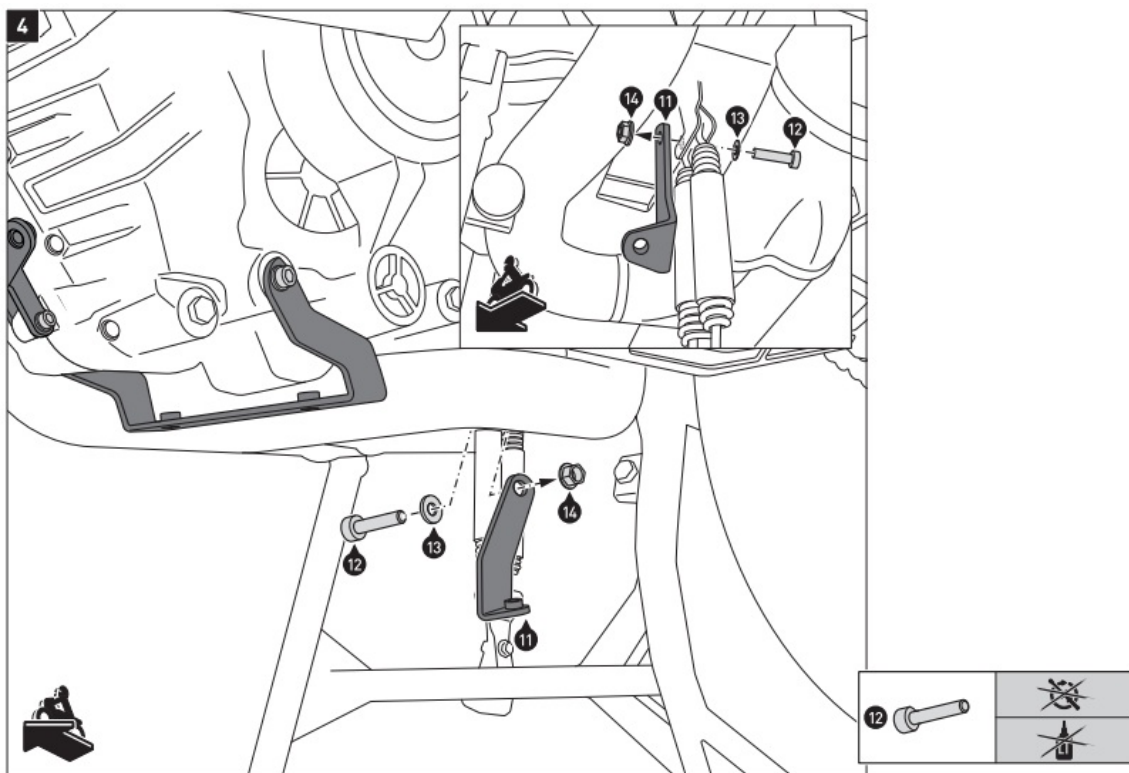


Attach the mounting brackets (9) on the inside of the side fairings.

Do not fully tighten the screws yet.



Attach the mounting bracket (11) to the vehicle.
Do not fully tighten the screw yet.



Insert the engine guard (151) behind the side fairings and attach it to the mounting brackets (11). (21. (91 & (111, as shown.

WARNING: Use liquid thread locker!

Once all parts are aligned without excess tension, tighten the screws as specified.

Tighten the original screws (Orig.) with the manufacturers' specified torque.

Tighten the screws (21 through the cutout in the engine guard.

PRODUCT SPECIFIC INFORMATION

- **WARNING:** Ground clearance can be reduced by this product! Special care should be taken when cornering at extreme lean angles and / or riding on uneven surfaces (for example curbs and bumps)!
- **WARNING:** All motorcycle exhaust pipes have large geometric tolerances. Make sure to double-check all part clearances in the affected areas!
- **NOTICE:** Observe the country-specific regulations concerning vehicle registration/ operation as well as TUV regulations if applicable. If required, register installed parts in the vehicle documents through an appropriate inspection authority.

ABOUT COMPANY

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Documents / Resources



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