

ANBAUANLEITUNG

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

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SBL.01.746.10000/B

MSS.01.919.10000/B

HDG.00.220.80202/B

HDG.00.220.10300/B

Sturzbügel**Crash Bar**

DEUTSCH - Vielen Dank, dass Sie sich für dieses Premium-Produkt von SW-MOTECH entschieden haben. Bitte besuchen Sie unseren Webshop für weitere Informationen wie Modellzuweisungen und PDF-Anbauanleitung. Erforderliche Dokumente (z. B. ABE) stehen als Download zur Verfügung.

Dies Montage und/oder Wartung dieses Produkts erfordert ein gutes technisches Verständnis! Zu Ihrer eigenen Sicherheit empfiehlt SW-MOTECH, die Montage und/oder Wartung durch eine Fachwerkstatt durchführen zu lassen! SW-MOTECH übernimmt keine Haftung für Schäden, die durch eine unsachgemäße Montage und/oder Wartung verursacht wurden!

Beachten Sie alle in der Anbauanleitung angegebenen Hinweise und die für die Montage relevanten Informationen im Fahrzeughandbuch. Nichtbeachtung kann zu Schäden am Fahrzeug bzw. zur Gefährdung des Fahrers führen! Diese Anbauanleitung ist nach unserem derzeitigen Kenntnisstand verfasst worden. Rechtliche Ansprüche auf Richtigkeit bestehen nicht.

Dieses Produkt wurde für Fahrzeuge im Werkszustand entwickelt. Die Kompatibilität mit Original-Zubehörteilen bzw. den Zubehörteilen anderer Hersteller kann nicht gewährleistet werden. Stellen Sie des Weiteren VOR Montage dieses Produkts sicher, dass sich alle beweglichen Teile (z. B. die Kette) im ursprünglichen Wartungszustand befinden. Montiertes Zubehör kann das Fahrverhalten und/oder die Stabilität Ihres Fahrzeugs verändern.

ALLGEMEINE HINWEISE

Beachten Sie die landesspezifischen Vorschriften für Zulassung/Betrieb Ihres Fahrzeugs bzw. anwendbare TÜV-Vorschriften. Lassen Sie eintragungspflichtige Teile nach Montage durch Ihre Prüfstelle in die Fahrzeugpapiere eintragen.

VORBEREITUNG: Lesen Sie die Anbauanleitung aufmerksam und stellen Sie sicher, dass alle Teile der Stückliste vorhanden sind. Achten Sie darauf, dass Ihr Fahrzeug sicher steht und nicht umfallen kann. Schalten Sie den Motor ab und ziehen Sie den Zündschlüssel. Lassen Sie ggf. den Motor/Auspuff abkühlen. Klemmen Sie bei Arbeiten an der Elektrik die Fahrzeuggatterie ab. Verwenden Sie geeignetes Werkzeug. Lassen Sie sich von einer zweiten Person helfen.

MONTAGE: Alle vom Motorrad gelösten Teile und Verbindungen sind gemäß den Fahrzeugherrangaben wieder zu montieren oder durch die von SW-MOTECH gelieferten Teile zu ersetzen. Sichern Sie, falls nicht anderweitig definiert, alle Gewinde mit mittelfester, flüssiger Schraubensicherung.

Alle nicht durch SW-MOTECH definierten Anzugsmoment-Vorgaben müssen beim Fahrzeugherrsteller oder einer Fachwerkstatt erfragt werden!

FUNKTIONSKONTROLLE: Stellen Sie nach der Montage sicher, dass alle zuvor gelösten Teile und Verbindungen wieder ordnungsgemäß montiert wurden. Achten Sie außerdem auf die uneingeschränkte Freigängigkeit und einwandfreie Funktion sämtlicher Fahrzeugteile. Kabel, Züge und Schläuche dürfen nicht scheuern und/oder geklemmt werden. Führen Sie vor Fahrtbeginn eine umfassende Funktionskontrolle durch. Überprüfen Sie nach den ersten 50 km und anschließend in regelmäßigen Abständen das Anzugsmoment aller Schraubverbindungen und den ordnungsgemäßen Sitz des Produkts.

PRODUKTSPEZIFISCHE HINWEISE

ACHTUNG: Die Kurven- und Bodenfreiheit kann bei extremer Schräglage durch dieses Produkt eingeschränkt werden!

ENGLISH - Thank you for choosing this premium product from SW-MOTECH. Please 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.

Installation and/or maintenance of this product require good technical understanding! For your own safety SW-MOTECH recommends having installation and/or servicing carried out by a specialist workshop! SW-MOTECH assumes no liability for damage caused by improper installation and/or maintenance work!

Carefully follow all the directions given in the mounting instructions and pay attention to all relevant information in the vehicle manual during assembly. Nonconformance can lead to vehicle damage or even endanger the driver! These mounting instructions are written based on our current state of knowledge. Legal requirements for accuracy do not exist.

This product was developed for vehicles in their factory setting. Compatibility with original accessory parts or other manufacturers' accessory parts is not guaranteed. Furthermore, BEFORE installing this product, make sure that all moving parts (e.g. the chain) are in the original state of maintenance. Installed accessories can change the driving behaviour and/or stability of your vehicle.

GENERAL INFORMATION

Observe the country-specific regulations concerning vehicle registration/operation as well as TÜV regulations if applicable. If required, register installed parts in the vehicle documents through an appropriate inspection authority.

PREPARATION: Read the mounting instructions carefully and make sure that all items of the parts list are included. Make sure that your vehicle is parked safely and cannot fall over. Turn off the engine and remove the ignition key. Let the motor/exhaust cool off if necessary. Disconnect the vehicle battery when working on the electrical system. Use appropriate tools. Have another person to help you.

MOUNTING: All parts and connections removed from the vehicle must be reinstalled in accordance with the vehicle manufacturers' specifications or replaced by parts delivered by SW-MOTECH. Secure all threads, unless otherwise specified, with medium-strength liquid thread locker.

Torque specifications undefined by SW-MOTECH must be obtained from the vehicle manufacturer or by a specialist workshop!

FUNCTION CHECK: After installation make sure that all parts and connections previously removed are properly replaced. Also make sure that no moving parts are obstructed and no function of the vehicle is hindered in any way. Cables and hoses must not rub and/or be pinched. 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 screw connections and the proper fit of the product.

PRODUCT SPECIFIC INFORMATION

ATTENTION: While cornering at extrem lean angles, ground clearance can be reduced by using this product!

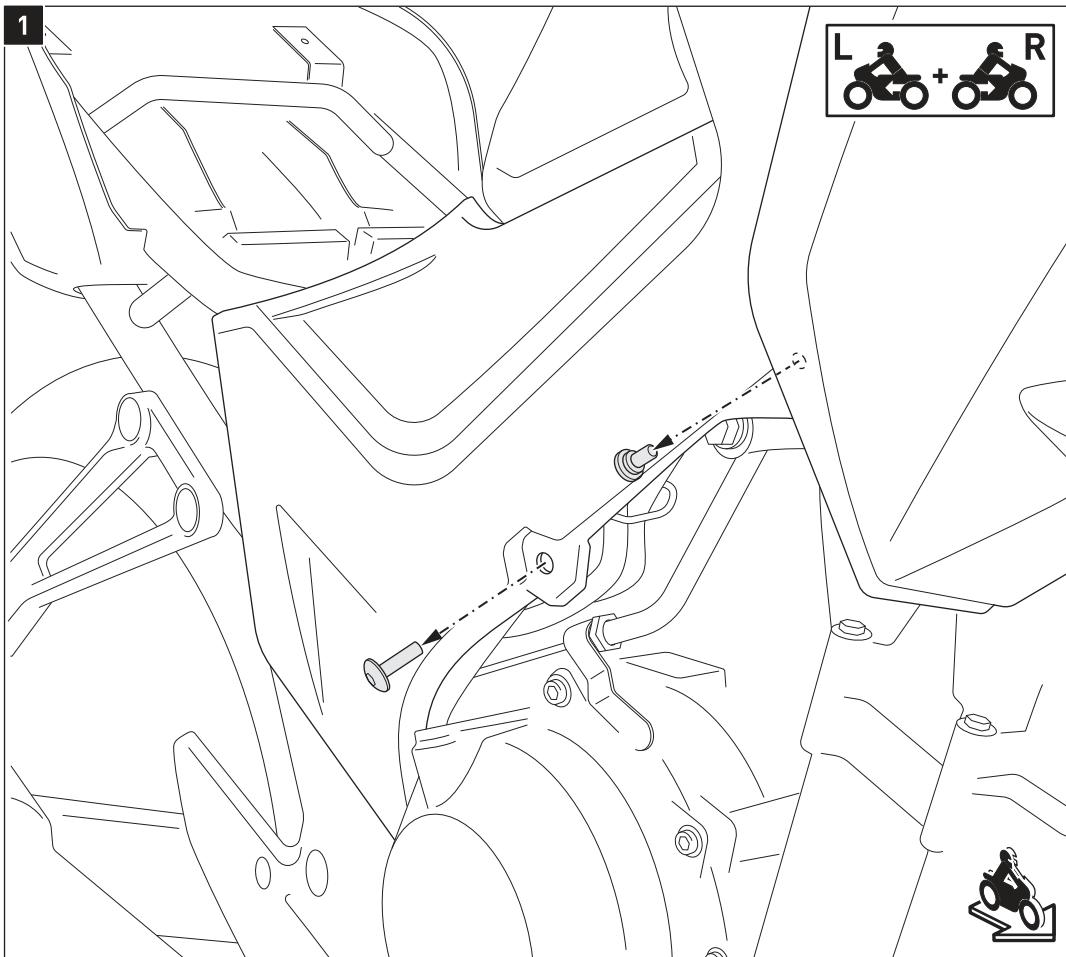
STÜCKLISTE / PARTS LIST

Anmerkungen: ^a Alle Maßangaben in Millimeter, ^b Der zweite Wert gibt die Gesamtlänge des jew. Artikels in der Lieferung an. **Keine Anzugsmomentvorgabe: Verwenden Sie das vom Fzg.-Hersteller definierte Anzugsmoment!** Das Std.-Anz.-moment des Tohelen kann verwendet werden, wenn der dge. Fzg. Hersteller Vorräten eingeschränkt ...

Note: ^a 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 increased by 20% with each 10% increase in the temperature.



MONTAGE / MOUNTING



Entfernen Sie die Sitzbank vom Fahrzeug.

Entfernen Sie auf beiden Seiten die gezeigten Schrauben der Seiteverkleidung, wie in der Zeichnung gezeigt.

Remove the bench from the vehicle.

Remove on both sides of the vehicle the screws of the fairing parts, as shown in the drawing.

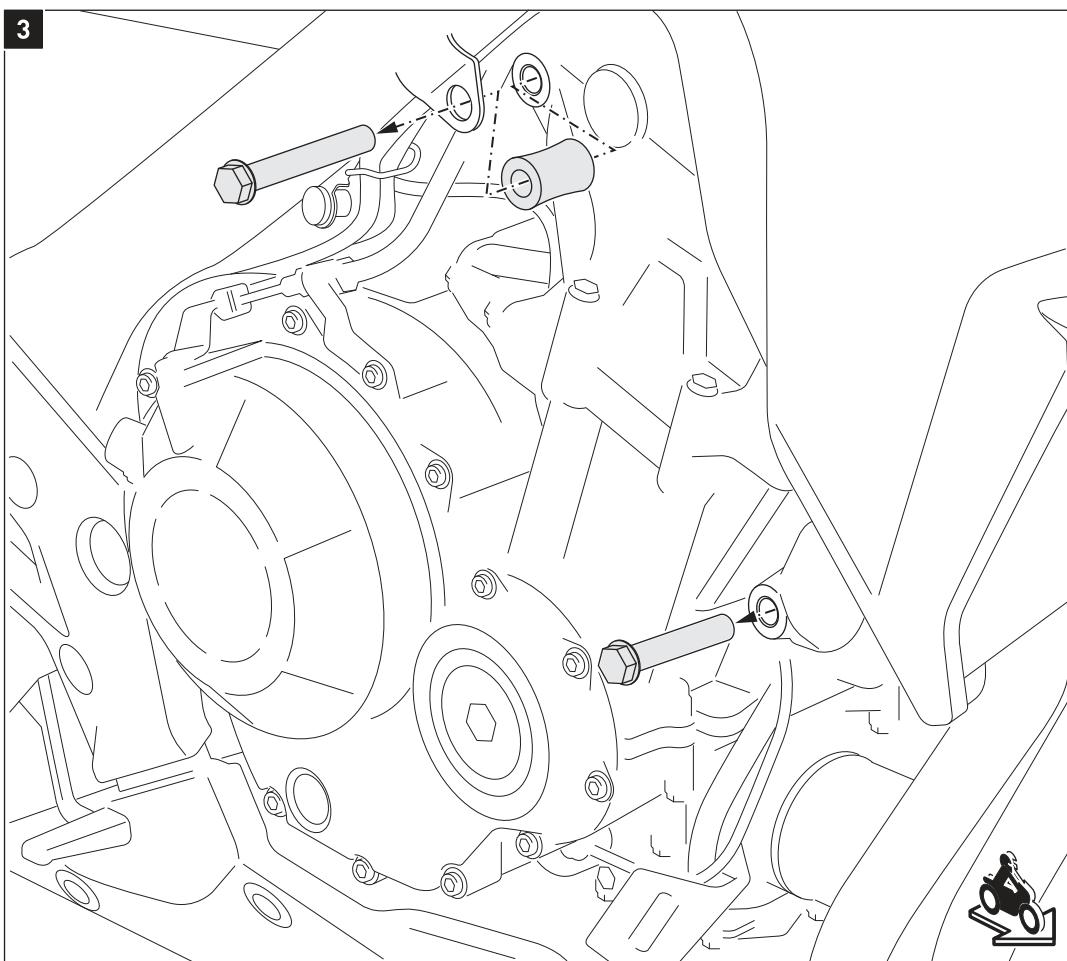


Entfernen Sie auf beiden Seiten das Verkleidungsteil vom Fahrzeug, wie in der Zeichnung gezeigt.

Remove the fairing part on both sides of the vehicle, as shown in the drawing.

MONTAGE / MOUNTING

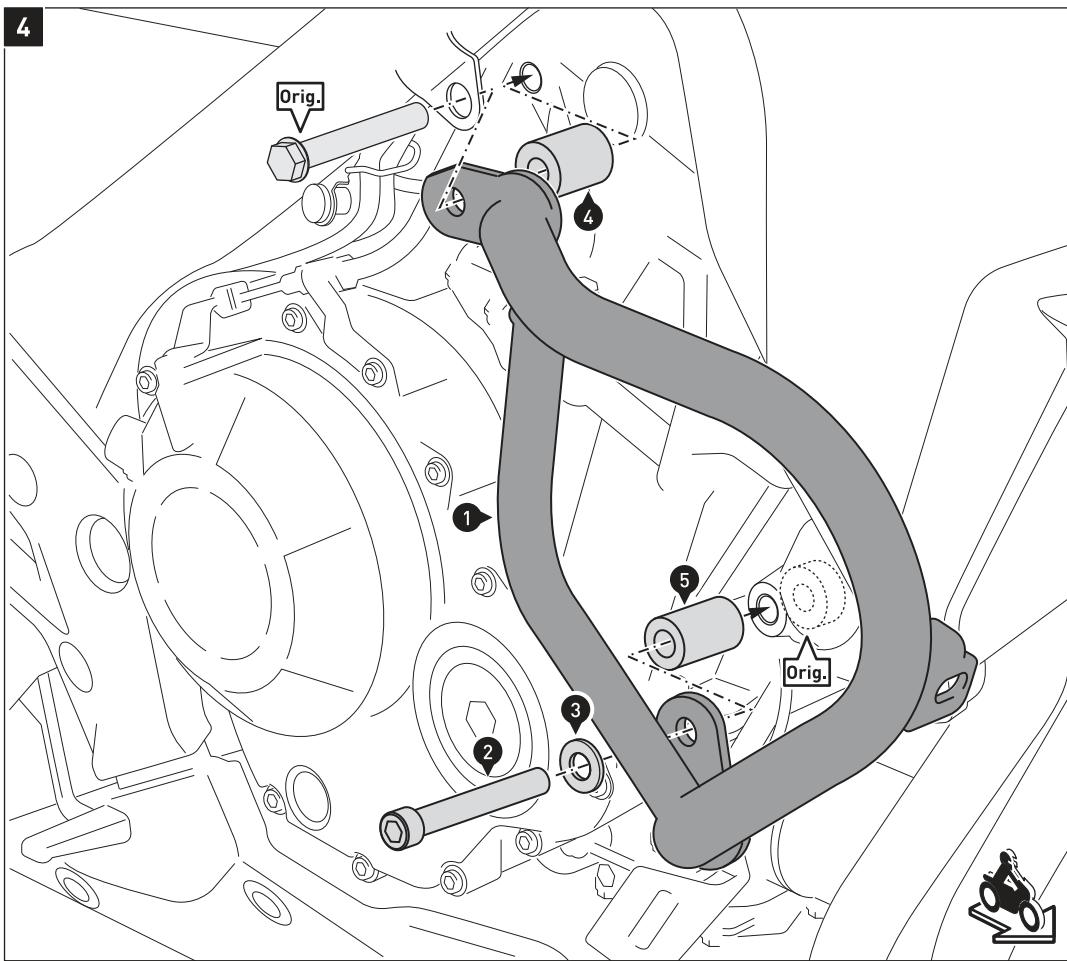
3



Entfernen Sie die original Schrauben von den rechten Anbaupunkten.

Remove the original screws from the mounting points on the right side of the vehicle.

4



Verschrauben Sie den rechten Sturzbügel (1) mit den original Teilen (Orig.) am Fahrzeug, wie in der Zeichnung gezeigt.

ACHTUNG: Verwenden Sie flüssige Schraubensicherung!

Ziehen Sie die Schrauben noch nicht an.

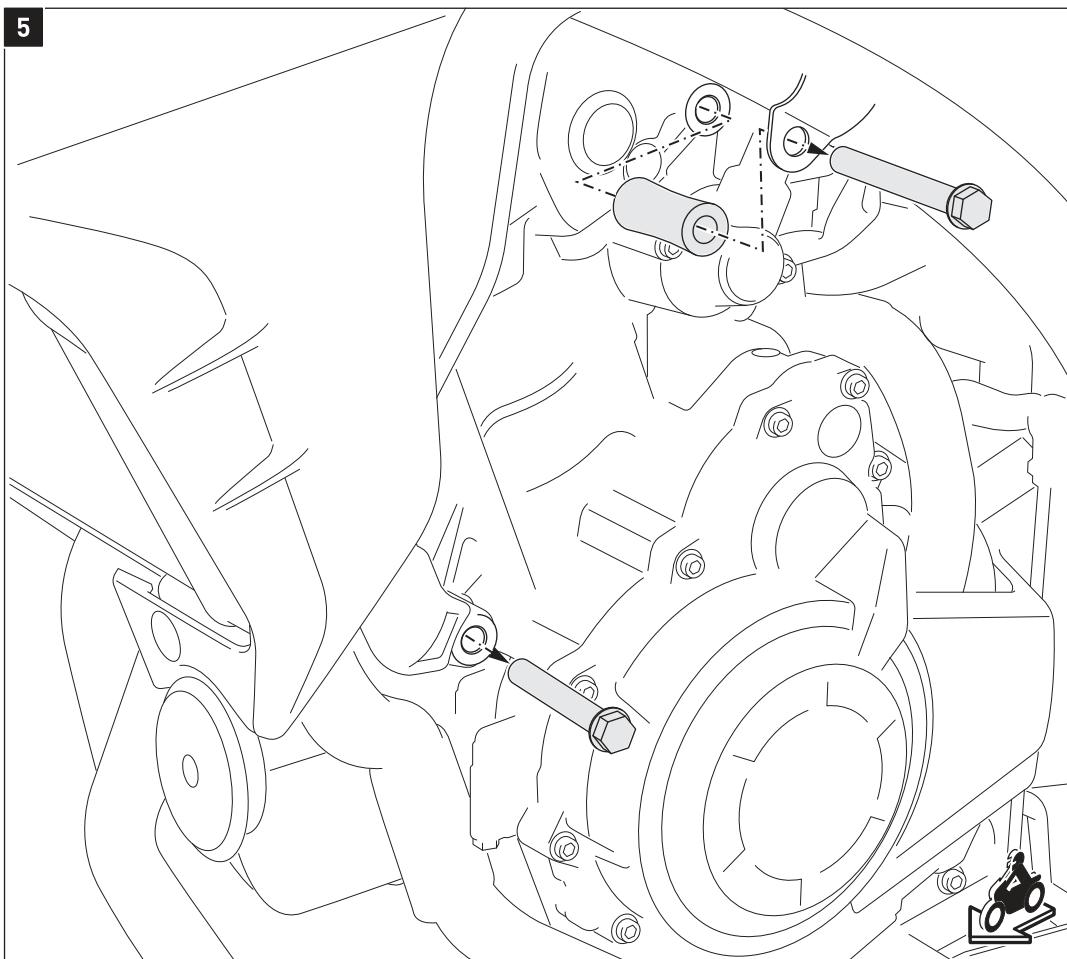
Attach the right crash bar (1) with the original parts (Orig.) to the vehicle, as shown in the drawing.

ATTENTION: Use liquid thread locker!

Do not fully tighten the screws yet.

MONTAGE / MOUNTING

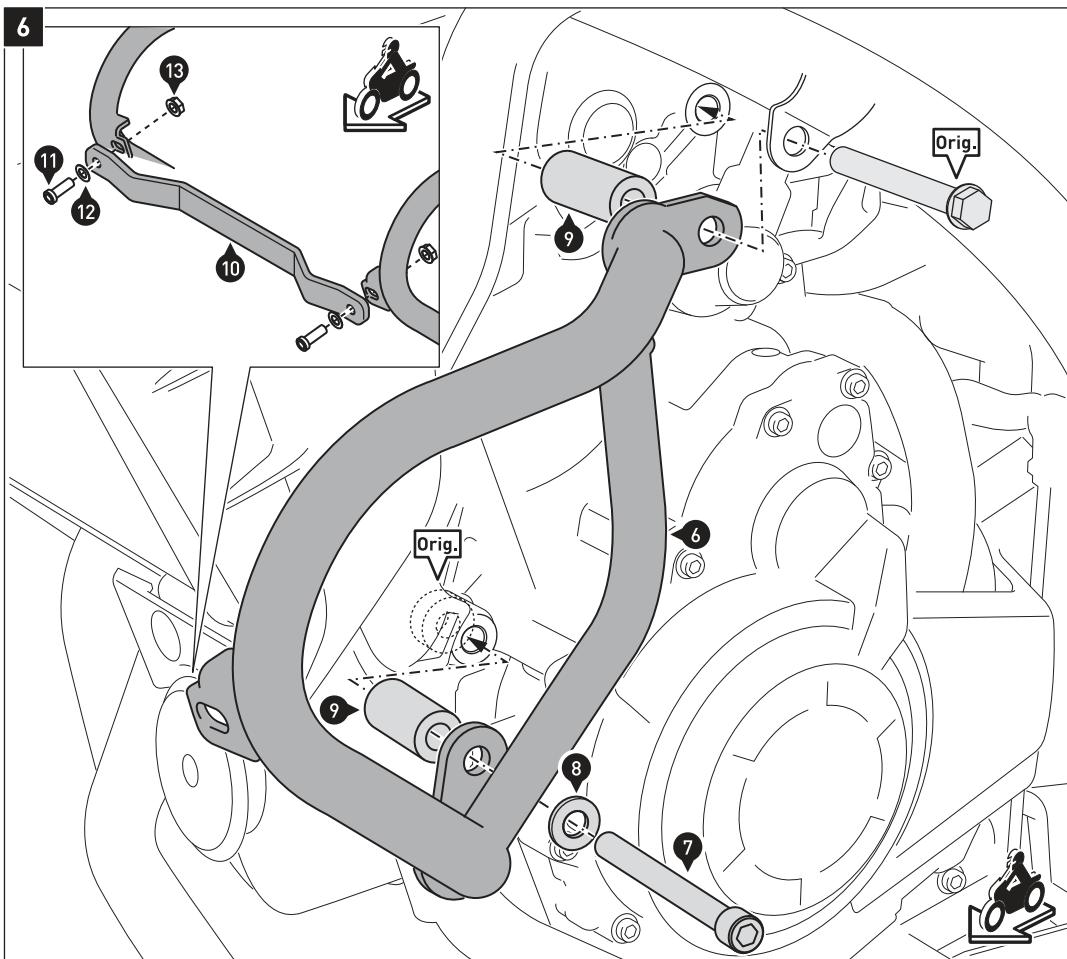
5



Entfernen Sie die original Schrauben von den linken Anbaupunkten.

Remove the original screws from the mounting points on the left side of the vehicle.

6



Verschrauben Sie den linken Sturzbügel (6) mit der original Schraube (Orig.) am Fahrzeug.

ACHTUNG: Verwenden Sie flüssige Schraubensicherung!

Ziehen Sie die Schrauben noch nicht an.

Verschrauben Sie die Schutzbügel (1) und (6) mit dem Querverbinder (10), wie in der Detailzeichnung gezeigt.

Wenn alle Komponenten spannungsfrei sitzen, ziehen Sie die Schrauben (11) wie in der Stückliste vorgegeben an.

Ziehen Sie die Schrauben (2) / (7) sowie die original Schrauben (Orig.) nach Herstellerangaben an.

Bringen Sie anschließend die in den Schritten [1] und [2] entfernten Verkleidungsteile wieder an.

Attach the left crash bar (6) with the original screw (Orig.) to the vehicle.

ATTENTION: Use liquid thread locker!

Do not fully tighten the screws yet.

Connect the crash bars (1) and (6) with the crossbar (10), as shown in the detail drawing.

Once all parts are evenly positioned without excess tension, tighten the screws (11) as specified in the parts list.

Tighten the screws (2) / (7) and the original screws (Orig.) with the manufacturers' specified torque.

Finally reattach the fairing parts removed in step [1] and [2].

Motorschutz

Engine guard

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ALLGEMEINE HINWEISE

Beachten Sie die landesspezifischen Vorschriften für Zulassung/Betrieb Ihres Fahrzeugs bzw. anwendbare TÜV-Vorschriften. Lassen Sie eintragungspflichtige Teile nach Montage durch Ihre Prüfstelle in die Fahrzeugpapiere eintragen.

VORBEREITUNG: Lesen Sie die Anbauanleitung aufmerksam und stellen Sie sicher, dass alle Teile der Stückliste vorhanden sind. Achten Sie darauf, dass Ihr Fahrzeug sicher steht und nicht umfallen kann. Schalten Sie den Motor ab und ziehen Sie den Zündschlüssel. Lassen Sie ggf. den Motor/Auspuff abkühlen. Klemmen Sie bei Arbeiten an der Elektrik die Fahrzeuggatterie ab. Verwenden Sie geeignetes Werkzeug. Lassen Sie sich von einer zweiten Person helfen.

MONTAGE: Alle vom Motorrad gelösten Teile und Verbindungen sind gemäß den Fahrzeugherstellerangaben wieder zu montieren oder durch die von SW-MOTECH gelieferten Teile zu ersetzen. Sichern Sie, falls nicht anderweitig definiert, alle Gewinde mit mittelfester, flüssiger Schraubensicherung.

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FUNKTIONSKONTROLLE: Stellen Sie nach der Montage sicher, dass alle zuvor gelösten Teile und Verbindungen wieder ordnungsgemäß montiert wurden. Achten Sie außerdem auf die uneingeschränkte Freigängigkeit und einwandfreie Funktion sämtlicher Fahrzeugteile. Kabel, Züge und Schläuche dürfen nicht scheuern und/oder geklemmt werden. Führen Sie vor Fahrtbeginn eine umfassende Funktionskontrolle durch. Überprüfen Sie nach den ersten 50 km und anschließend in regelmäßigen Abständen das Anzugsmoment aller Schraubverbindungen und den ordnungsgemäßen Sitz des Produkts.

PRODUKTSPEZIFISCHE HINWEISE

ACHTUNG: Die Bodenfreiheit kann durch dieses Produkt eingeschränkt werden! Besondere Vorsicht ist bei Kurvenfahrten mit extremen Neigungswinkeln und/oder Fahrten auf unebenem Untergrund (zum Beispiel Bordsteine und Bodenwellen) geboten!

ACHTUNG: Motorradauspuffrohre haben oft große geometrische Toleranzen. Stellen Sie sicher, dass in den betroffenen Bereichen ausreichend Abstand zwischen allen Teilen besteht!

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GENERAL INFORMATION

Observe the country-specific regulations concerning vehicle registration/operation as well as TÜV regulations if applicable. If required, register installed parts in the vehicle documents through an appropriate inspection authority.

PREPARATION: Read the mounting instructions carefully and make sure that all items of the parts list are included. Make sure that your vehicle is parked safely and cannot fall over. Turn off the engine and remove the ignition key. Let the motor/exhaust cool off if necessary. Disconnect the vehicle battery when working on the electrical system. Use appropriate tools. Have another person to help you.

MOUNTING: All parts and connections removed from the vehicle must be reinstalled in accordance with the vehicle manufacturers' specifications or replaced by parts delivered by SW-MOTECH. Secure all threads, unless otherwise specified, with medium-strength liquid thread locker.

Torque specifications undefined by SW-MOTECH must be obtained from the vehicle manufacturer or by a specialist workshop!

FUNCTION CHECK: After installation make sure that all parts and connections previously removed are properly replaced. Also make sure that no moving parts are obstructed and no function of the vehicle is hindered in any way. Cables and hoses must not rub and/or be pinched. 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 screw connections and the proper fit of the product.

PRODUCT SPECIFIC INFORMATION

ATTENTION: 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)!

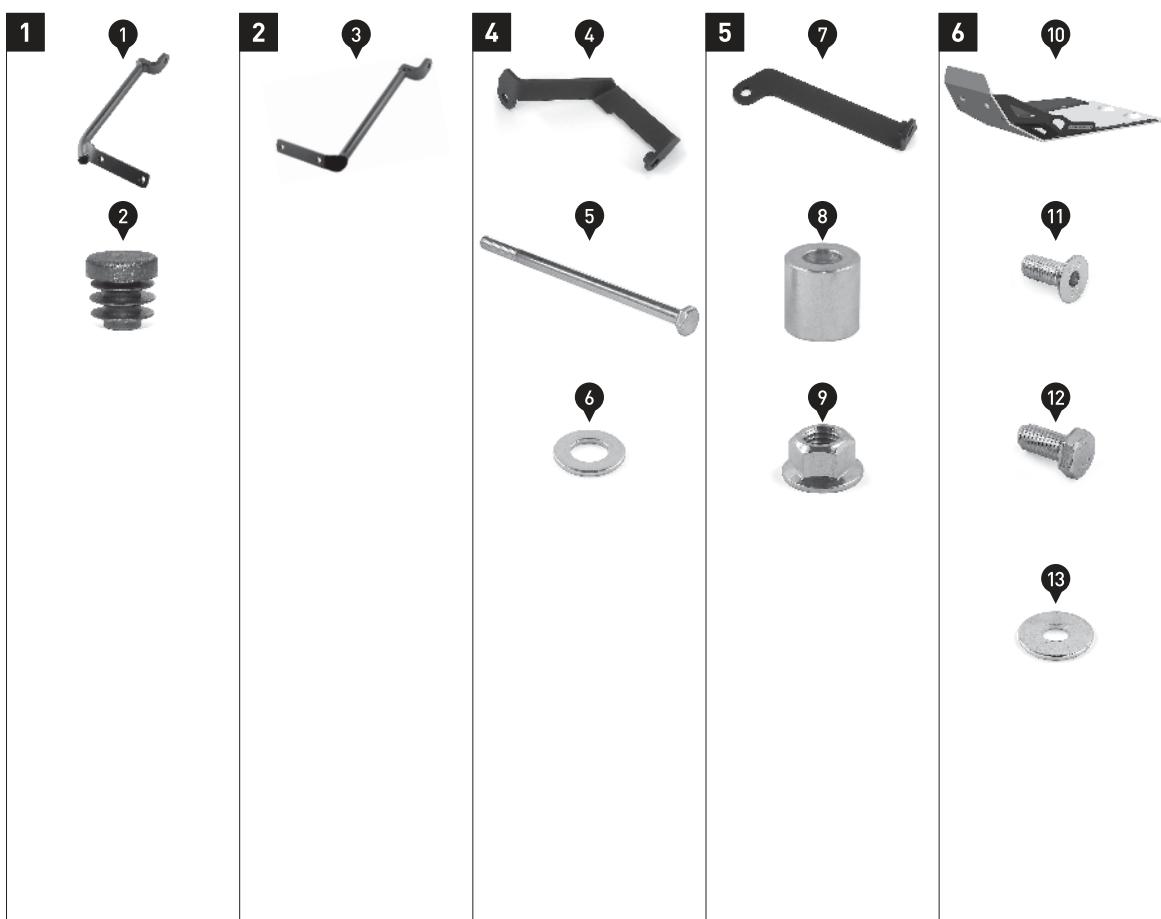
ATTENTION: All motorcycle exhaust pipes have large geometric tolerances. Make sure to double-check all part clearances in the affected areas!

STÜCKLISTE / PARTS LIST

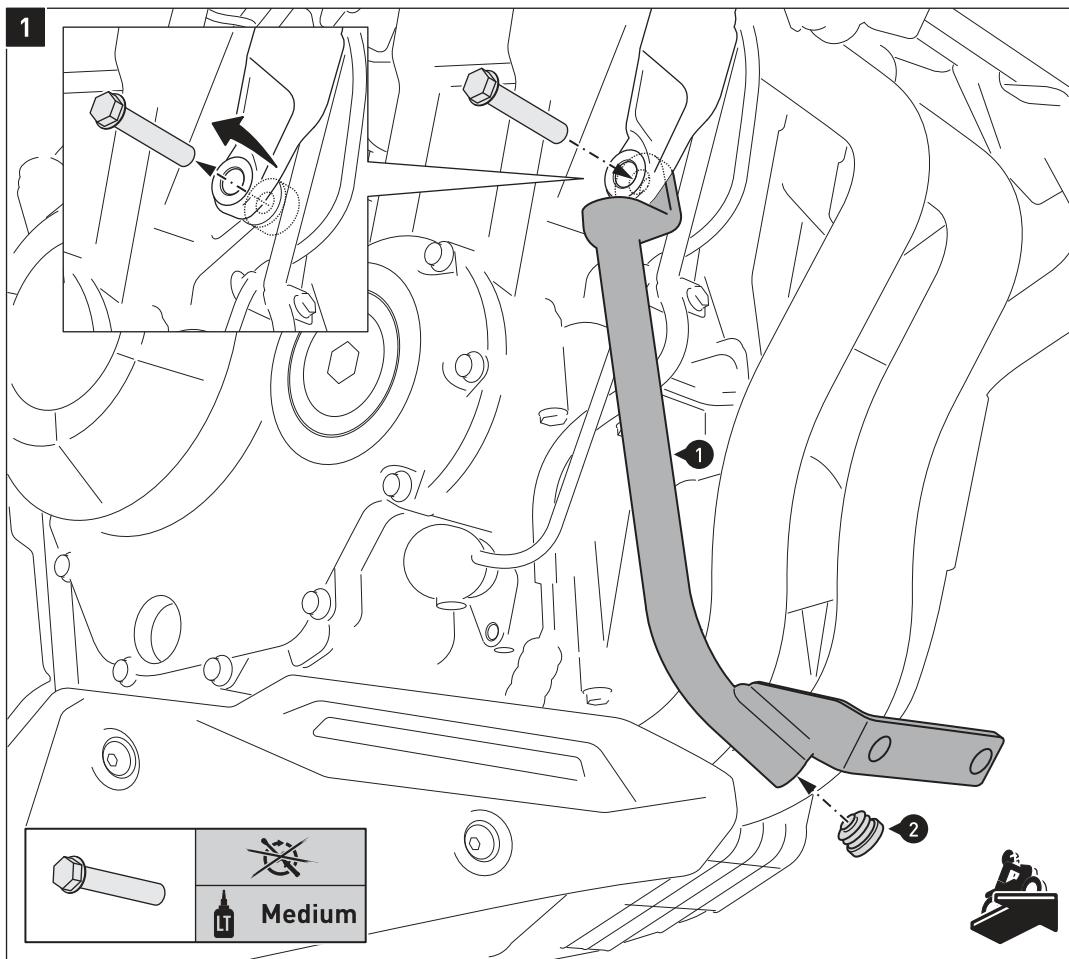
Schritt Step	Nr. No.	Art.-Nr. / Bezeichnung * Item No. / Description *	Artikel	Part	Anzahl ** Quantity **	N·m ***
1	(1)	MSS.01.381.922	Anbaustrebe; rechts	Mounting Strut; right	1 / 1	
	(2)	KES.RD.150.0200.02.GL	Kunststoffstopfen	Plastic Plug	1 / 1	
2	(3)	MSS.01.381.921	Anbaustrebe; links	Mounting Strut; left	1 / 1	
4	(4)	MSS.01.919.003	Anbaublech; rechts	Mounting Bracket; right	1 / 1	
	(5)	M10 x 180; DIN 931	Sechskantschraube	Hexagon Screw	1 / 1	
	(6)	Ø 10,5; DIN 125	Unterlegscheibe	Washer	1 / 1	
5	(7)	MSS.01.919.002	Anbaublech; links	Mounting Bracket; left	1 / 1	
	(8)	Ø 20 / Ø 10,5 / H 20	Distanzbuchse	Spacer	1 / 1	
	(9)	M10; DIN 6927	Mutter mit Bund; selbstsichernd	Lock Nut with Flange	1 / 1	46
6	(10)	MSS.01.919.900	Motorschutz; schwarz / silbern	Engine Guard; black / silver	1 / 1	
	(11)	M8 x 20; DIN 7991	Senkkopfschraube; schwarz / silbern	Countersunk Screw; black / silver	2 / 2	18
	(12)	M8 x 16; DIN 933	Sechskantschraube; schwarz / silbern	Hexagon Screw; black / silver	2 / 2	18
	(13)	Ø 8,4; DIN 9021	Unterlegscheibe; schwarz / silbern	Washer; black / silver	2 / 2	
8.8	Regelgewinde / Coarse Thread Ø M4 M5 M6 M8 M10 M12 Stahl FK 8.8 / Steel CL 8.8 N·m 2,8 5,5 9,6 23 46 79					
10.9	Regelgewinde / Coarse Thread Ø M4 M5 M6 M8 M10 M12 Stahl FK 10.9 / Steel CL 10.9 N·m 4,1 8,1 14 34 67 115					

* Alle Maßangaben in Millimeter. ** Der zweite Wert gibt die Gesamtanzahl des jew. Artikels in der Lieferung an.
*** Keine Anzugsmomentvorgabe: Verwenden Sie das vom Fzg.-Hersteller definierte Anzugsmoment! Das Standard-Anzugsmoment der Tabelle kann verwendet werden, wenn es den Fzg.-Hersteller-Vorgaben entspricht.

* All measurements in millimeters. ** The second number indicates the total quantity of the part in the delivery.
*** 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.



MONTAGE / MOUNTING



Setzen Sie den Kunststoffstopfen (2) in die Öffnung der Anbaustrebe (1) ein.

Entfernen Sie die in der Detailzeichnung gezeigte Motorhalteschraube und die Distanzschubse auf der rechten Fahrzeugseite.

Verschrauben Sie nun die Anbaustrebe (1) mit der original Motorhalteschraube (Orig.) am Fahrzeug, wie in der Zeichnung gezeigt.

ACHTUNG: Verwenden Sie flüssige Schraubensicherung!

Ziehen Sie die Schraube noch nicht an.

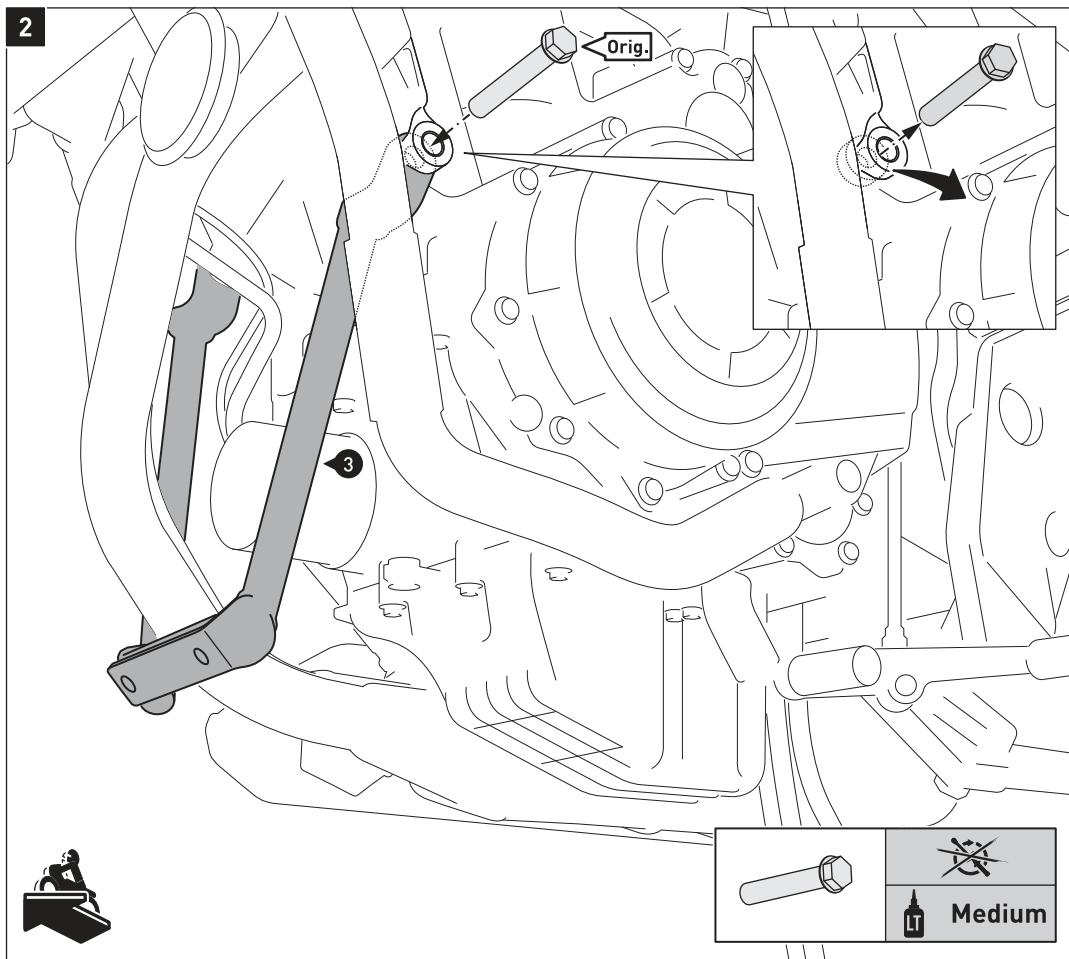
Insert the plastic plug (2) into the opening of the mounting strut (1).

Remove the engine bolt and the spacer on the right side of the vehicle, as shown in the detail drawing.

Attach the mounting strut (1) with the original engine bolt (Orig.) to the vehicle, as shown in the drawing.

ATTENTION: Use liquid thread locker!

Do not fully tighten the screw yet.



Entfernen Sie nun die in der Detailzeichnung gezeigte Motorhalteschraube und die Distanzschubse auf der linken Fahrzeugseite.

Verschrauben Sie die Anbaustrebe (3) mit der original Motorhalteschraube (Orig.) am Fahrzeug, wie in der Zeichnung gezeigt.

ACHTUNG: Verwenden Sie flüssige Schraubensicherung!

Ziehen Sie die Schraube noch nicht an.

Remove the engine bolt and the spacer on the left side of the vehicle, as shown in the detail drawing.

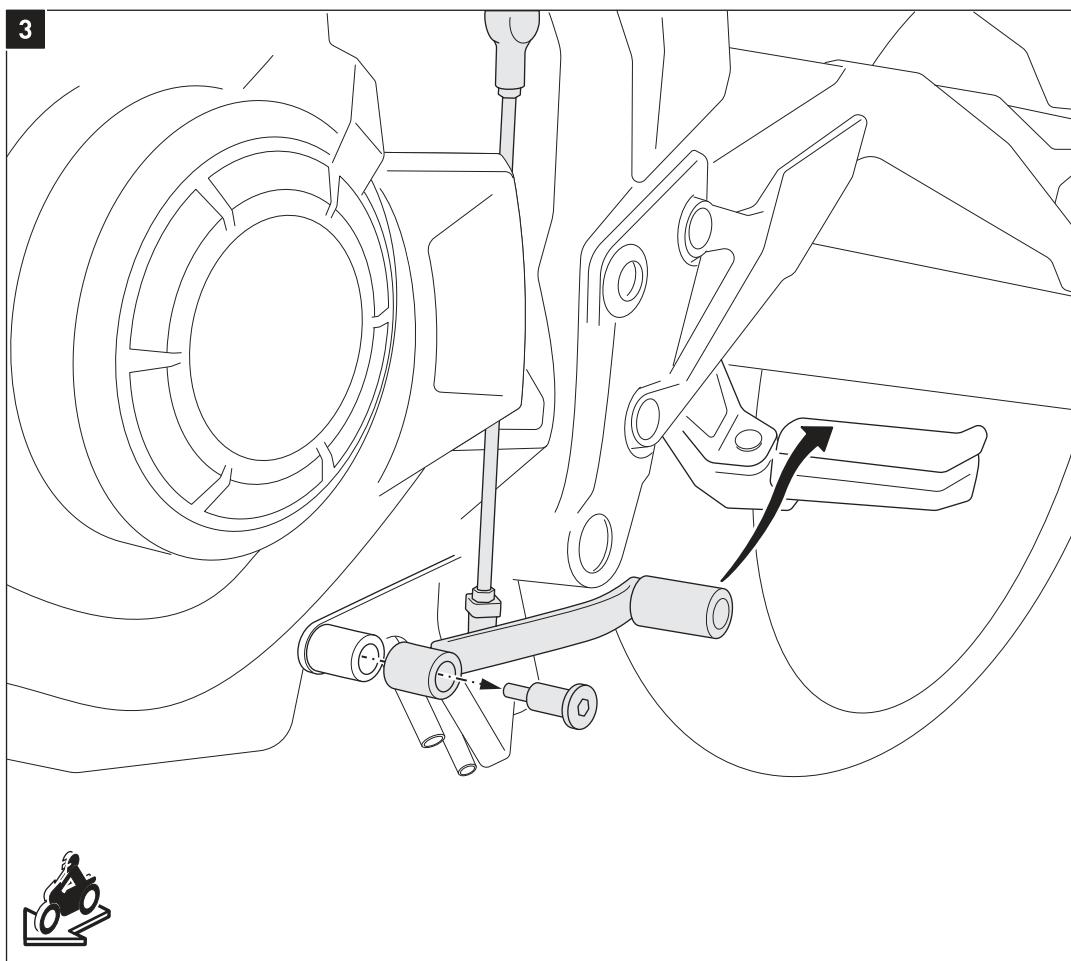
Attach the mounting strut (3) with the original engine bolt (Orig.) to the vehicle, as shown in the drawing.

ATTENTION: Use liquid thread locker!

Do not fully tighten the screw yet.

MONTAGE / MOUNTING

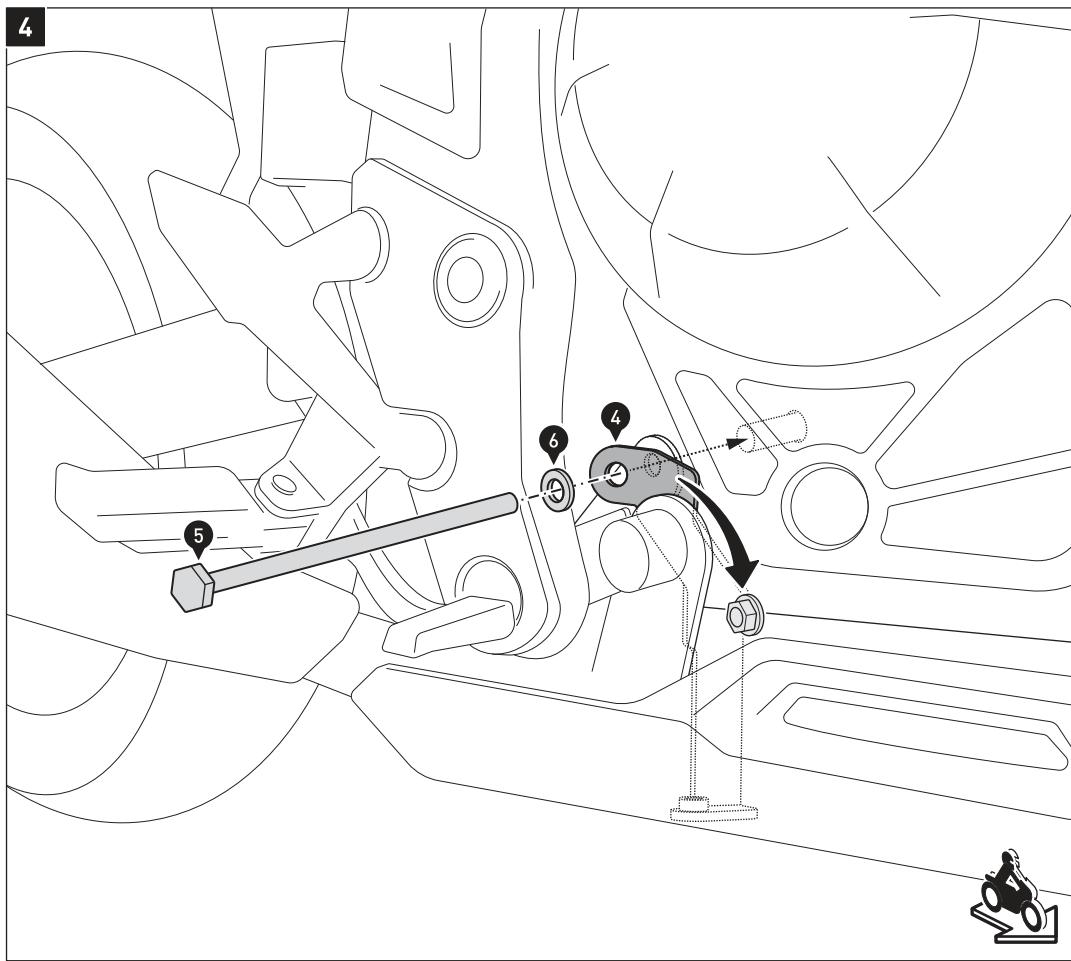
3



Lösen Sie die gezeigte Schraube und legen Sie den Schalthebel auf der Soziusfußraste ab.

Losen the shown screw and place the gear lever onto the passenger foot rest.

4

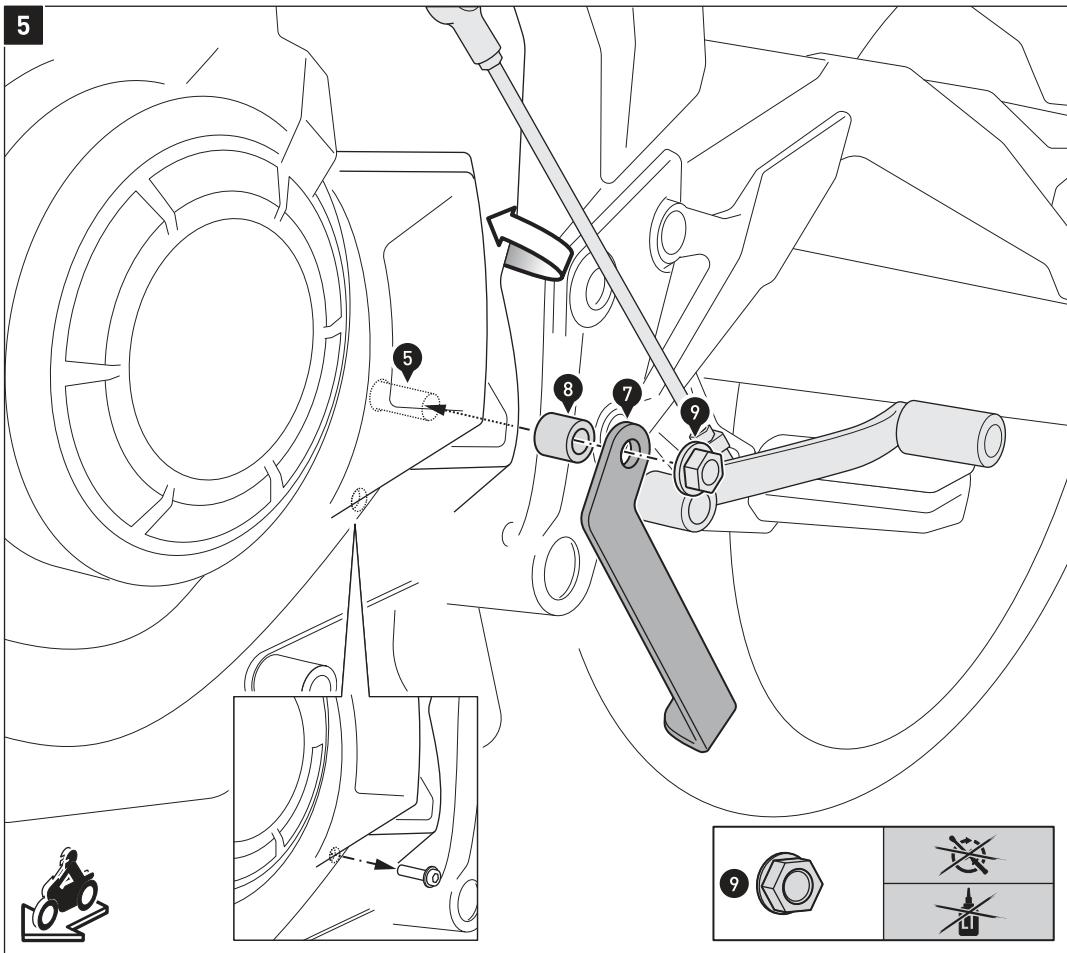


Entfernen Sie die Mutter auf der rechten Fahrzeugseite.

Befestigen Sie das Anbaublech (4) am Fahrzeug, indem Sie die original Motorhalteschraube mit der Schraube (5) herausschieben.

Remove the nut on the right side
Attach the mounting bracket (4) to
the vehicle, by using the screw (5) to
push the original engine bolt out.

MONTAGE / MOUNTING



Entfernen Sie die gezeigte untere Schraube und ziehen Sie das Verkleidungsteil leicht nach vorn, um den Verbau der Komponenten zu erleichtern.

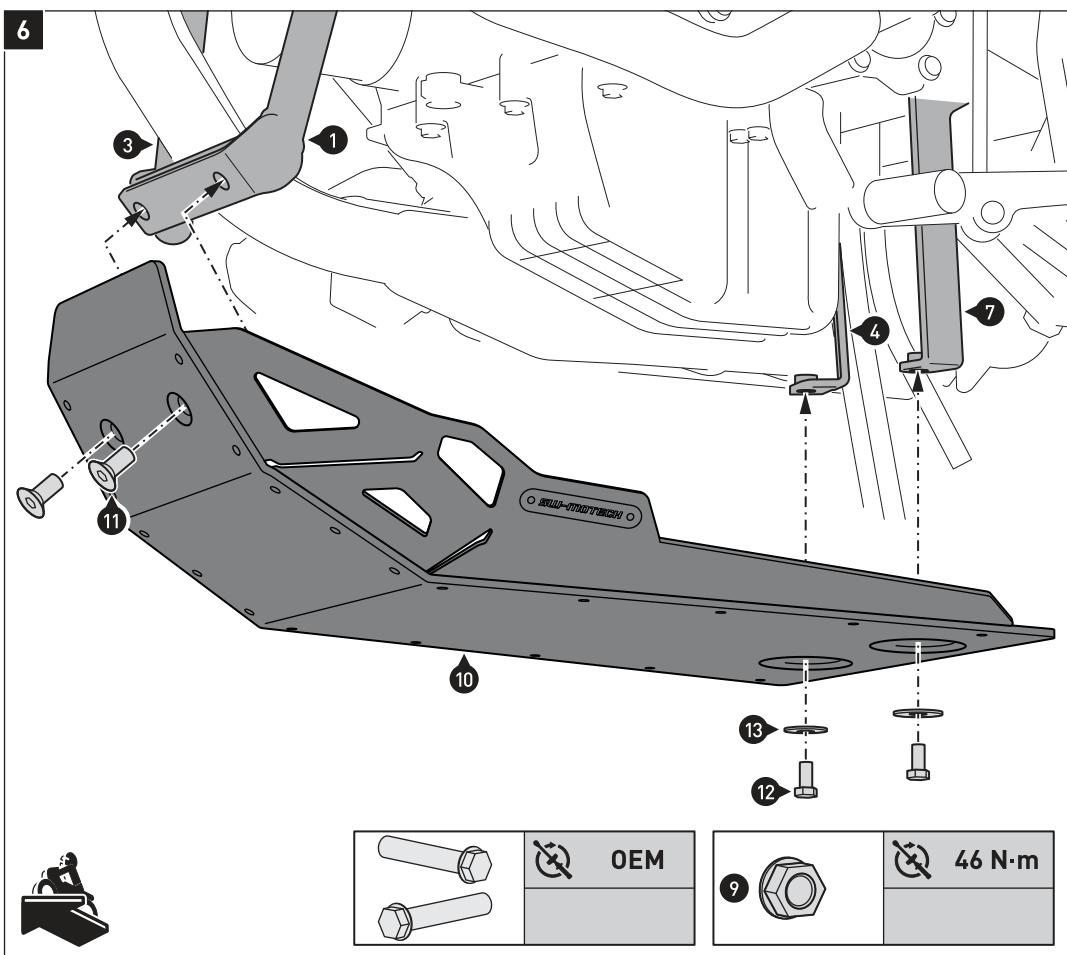
Verschrauben Sie das Anbaublech (7) an der Schraube (5), wie in der Zeichnung gezeigt.

Ziehen Sie die Mutter (9) noch nicht an.

Remove the shown lower screw and pull the fairing slightly forward, to make the installation of the components easier.

Attach the mounting bracket (7) to the screw (5), as shown in the drawing.

Do not fully tighten the nut (9) yet.



Verschrauben Sie den Motorschutz (10) an den Anbaublechen (4) und (7) sowie den Anbaustreben (1) und (3), wie in der Zeichnung gezeigt.

ACHTUNG: Verwenden Sie flüssige Schraubensicherung!

Ziehen Sie die Schrauben wie vorgegeben an.

Verschrauben Sie den Schalthebel wieder am Fahrzeug.

Wenn alle Komponenten spannungsfrei sitzen, ziehen Sie die original Motohalteschrauben **[siehe Schritt [1] & [2]]** und die original Schrauben **[siehe Schritt [3] & [5]]** nach Herstellerangaben an.

Ziehen Sie anschließend die Mutter (9) **[siehe Schritt [5]]** wie vorgegeben an.

Attach the engine guard (10) to the mounting brackets (4) and (7) and the mounting struts (1) and (3), as shown in the drawing.

ATTENTION: Use liquid thread locker!

Tighten the screws as specified.

Reattach the lever to the vehicle.

Once all the parts are evenly positioned without excess tension, tighten the original engine bolts **[see step [1] & [2]]** and the original screws **[see step [3] & [5]]** with the manufacturers' specified torque.

Then tighten the nut (9) **[see step [5]]**, as specified.

Item number: **HDG.00.220.80202/B**Revision: **00** · Date: **05 - 2024**

Handguard mounting kit

 ~ 0.5 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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LEGEND OVERVIEW • READ AND KEEP MOUNTING INSTRUCTIONS!



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.



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.



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



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:
www.sw-motech.com

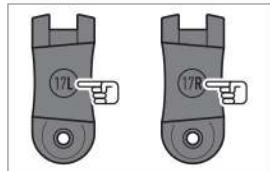
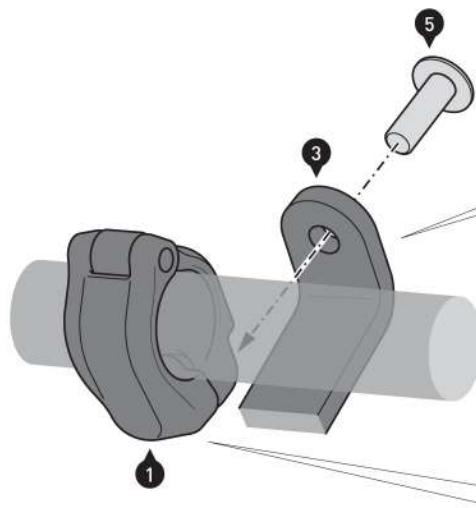
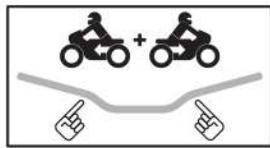


Tighten/note the tightening torque information: Indicates the tightening torque of a part specified by SW-MOTECH or the vehicle manufacturer (OEM).

PARTS LIST - READ AND KEEP MOUNTING INSTRUCTIONS!

1		2		3		4		5			
	HDG.00.220.904.01.02		HDG.00.220.905.01.02		HDG.01.070.001L.25		HDG.01.070.001R.25		M6 x 20; DIN 7380 SC.ST.06.020.02.7380.109		
	 1/1		 1/1		 1/1		 1/1		 2/2		
6		7		8		9		10		11	
	HDG.00.220.029L.25		HDG.00.220.029R.25		M8 x 80; DIN 912 SC.ST.08.080.02.912.088		HDG.00.220.011.25		HDG.00.220.075.35		
	 1/1		 1/1		 2/2		 2/2		 2/2		
12											
	HDG.00.220.019.01										
	 2/2										
13		14		15							
	M6 x 22; DIN 7991 SC.ST.06.022.48.7991.088		ø 6.4; DIN 9021 US.ST.064.02.9021		M6; DIN 6927 MUS.T.06.02.6927.08						
	 2/2		 2/2		 2/2						

1



⚠ WARNING: Since the handguard mounting kit is installed in a safety-relevant area of the vehicle, SW-MOTECH recommends having the installation/maintenance of the product carried out by a qualified specialist workshop.

⚠ WARNING: Always wear eye and hand protection!

⚠ WARNING: Always use the proper tools!

⚠ NOTE: Installation is shown on the left side. Repeat the installation with the corresponding parts on the right side of the handlebar.

⚠ NOTE: The handlebar shown serves as an example.

⚠ NOTE: The connecting plate (3) shown in the drawing serves as an example. The correct representation and orientation of the connecting plate are shown in the detailed drawing on the right.

⚠ NOTE: Pay attention to the L/R markings on the clamps (1/2). Attach the clamp with the L marking on the left side of the handlebar in the direction of travel; attach the clamp with the R engraving to the right side of the handlebar in the direction of travel.

Place the clamps (1/2) around the handlebars at the locations shown in the detailed drawing above.

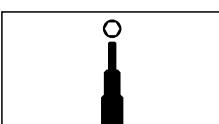
LOOSELY screw the connecting plates (3/4) to the clamps (1/2). The clamps (1/2) must be able to be moved for positioning.

⚠ WARNING: Use a liquid threadlocker!

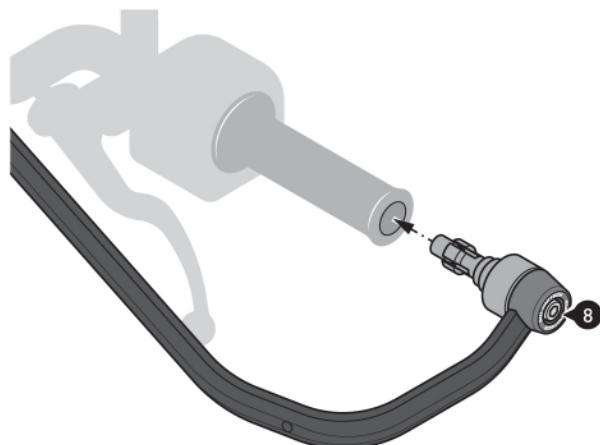
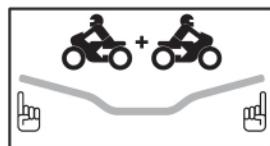
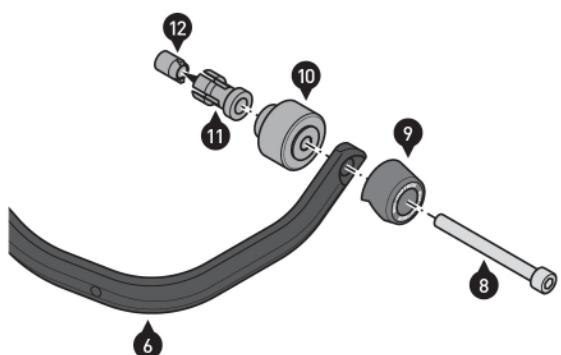
Tighten the screws (5) hand-tight.



1 M **2** 8 Nm



2



Remove the original end weights and handguards if mounted.
Make sure the handlebar ends and the inside of the handlebars are clear.

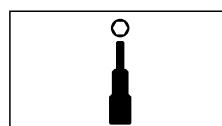
Loosely screw the parts indicated to the brackets (6/7) as shown in the drawing above.

⚠ WARNING: Use a liquid threadlocker!

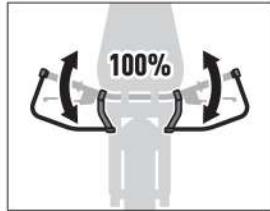
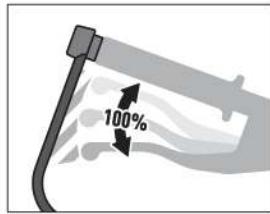
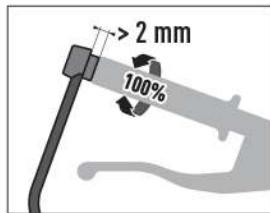
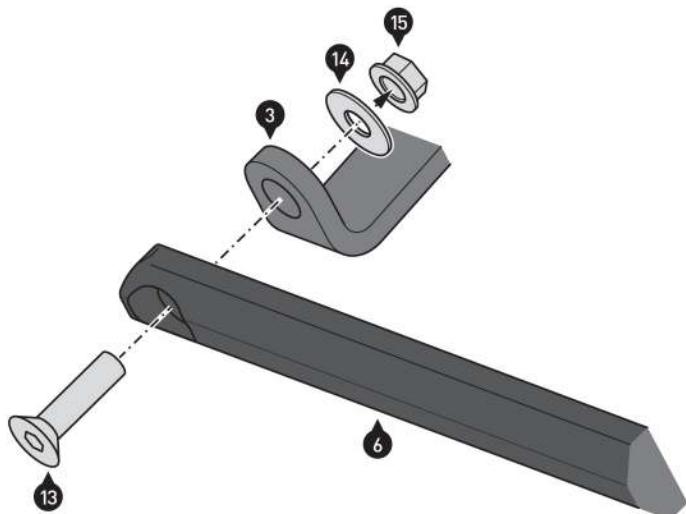
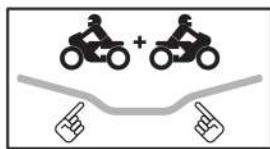
The screws (8) should only be loosely attached.

Install the brackets (6/7) on to the handlebar ends as shown in the drawing below.

To do so, tighten the screws (8) so that the expansion sleeves (11) are firmly positioned on the inside, but the brackets (6/7) can still be readjusted.



3



Screw the inner ends of the brackets (6/7) to the connecting plates (3/4). Do not tighten the screws (13) yet.

Now position the brackets (6/7) according to your personal preferences and tighten all screws in the following order and as specified in the mounting instructions: (13), (5), (8).

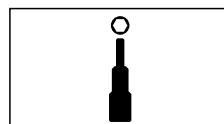
⚠ DANGER: If there is not enough space after installation of all components, the brake and clutch unit must be moved a few millimeters towards the end or middle of the handlebar!

⚠ DANGER: After installation, make sure that all switch and control units, especially the throttle assembly, brake lever, emergency stop switch and clutch, function properly and are easy to use!

Also make sure that the handlebars can be fully turned in both directions. If parts of the product come into contact with the tank or other vehicle components when the steering wheel is at full lock, repositioning the product or the handlebars is absolutely necessary!

Make sure that the installation complies with the vehicle manufacturer's specifications! DO NOT ride your vehicle if the switch and control units are not functioning correctly or cannot be operated correctly!

BEFORE every ride, carry out a complete functional check of the handlebars and all fittings!



PRODUCT-SPECIFIC NOTES

⚠ NOTE: Observe the country-specific regulations for the registration/operation of your vehicle or applicable TÜV regulations. After assembly, have parts that are subject to registration entered in the vehicle documents by your test centre.

Item number: **HDG.00.220.10300/B**Revision: **01** · Date: **12 - 2023****Sport handguard shell set** ~ 0.25 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!**

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



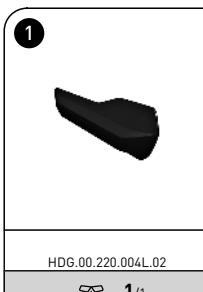
If you have any questions, please don't hesitate to contact our Customer Service team or our distributors. You can find our telephone number and a list of our distributors in our online shop:
www.sw-motech.com



Tighten by hand: Indicates that the attachment must be carefully tightened by hand.

PARTS LIST - READ AND KEEP MOUNTING INSTRUCTIONS!

1



HDG.00.220.004L.02

1/1

2



HDG.00.220.004R.02

1/1

3



HDG.00.220.006.02

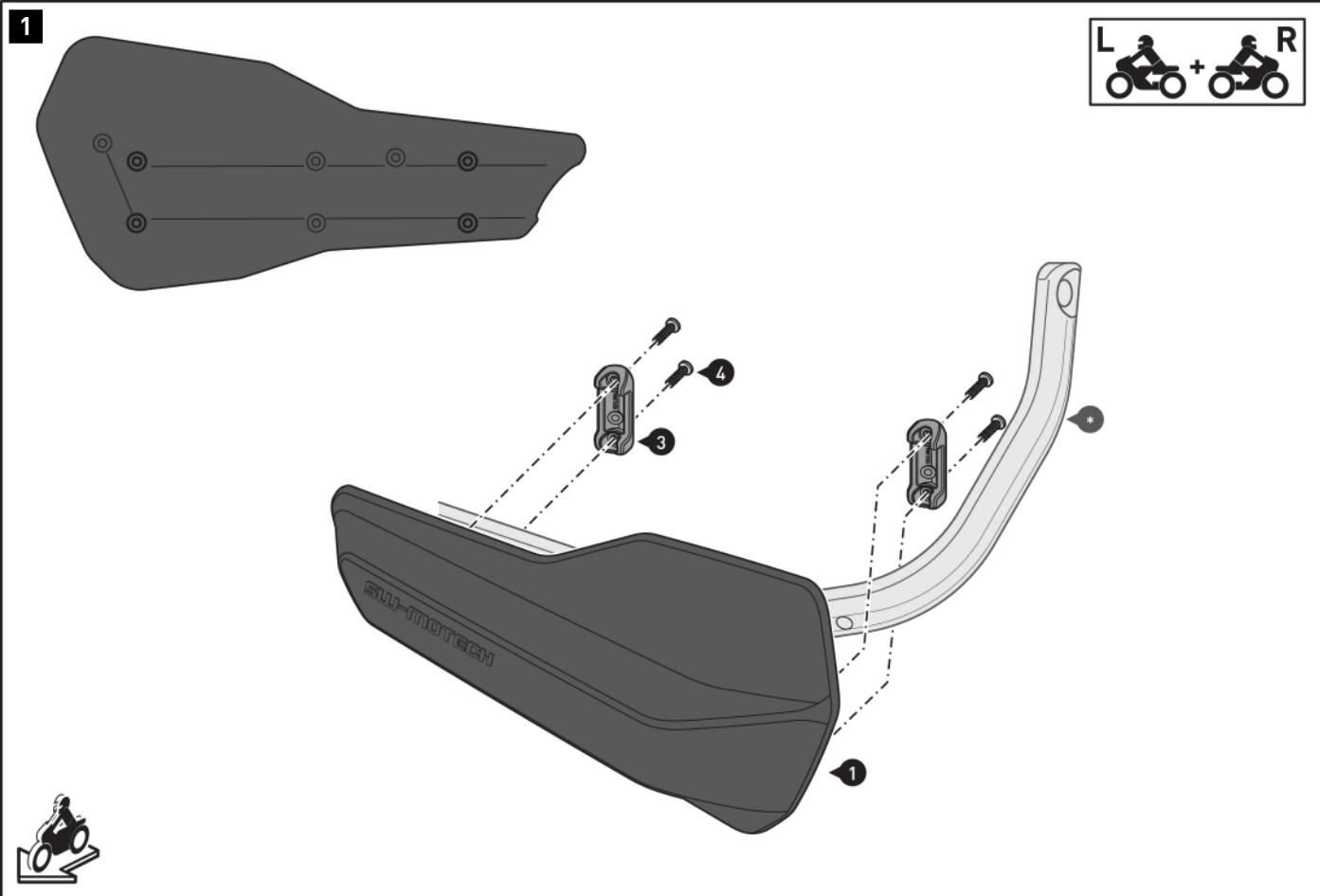
4/4

4



M3,5 x 12
SC.ST.035.012.02

8/8



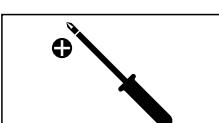
⚠ WARNING: Always wear eye and hand protection!

⚠ WARNING: Always use the proper tools!

⚠ NOTE: Installation is shown on the left side. Repeat the installation with the corresponding parts on the right side of the handlebar.

Screw the sports hand-guard shells (1/2) onto the brackets (*). Carefully tighten the screws (4) hand-tight (max. 1 Nm).

⚠ WARNING: Tightening too tightly can damage the plastic parts!



PRODUCT-SPECIFIC NOTES

⚠ NOTE: Observe the country-specific regulations for the registration/operation of your vehicle or applicable TÜV regulations. After assembly, have parts that are subject to registration entered in the vehicle documents by your test centre.