



# **Operating instructions**

## **Moreno Connect GTX**

# **jacket**



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**MAKE LIFE A RIDE**

# WELCOME.

We congratulate you on your choice of an original BMW Motorrad accessory product. Our accessory-products world testifies to our constant striving to meet your needs and preferences for everyday riding and all your motorcycling adventures.

## **About these operating instructions**

Read these operating instructions before using your new accessory product for the first time. You will find important notes here on operation which will help you to make the most of the technical benefits of our products and to use the products to optimum effect and for the longest possible time.

## **Suggestions and criticism**

If you have questions concerning our products, your authorised BMW Motorrad retailer will be happy to provide advice and assistance.

We hope you enjoy using your new product and that all your journeys will be pleasant and safe

BMW Motorrad.

|   |           |  |           |
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# **GENERAL INSTRUCTIONS**

01

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## PREFACE

We congratulate you on your choice of a Moreno Connect GTX jacket.

BMW Motorrad hopes you will enjoy wearing your Moreno Connect GTX jacket and using all the Connectivity features integrated into the jacket.

BMW Motorrad hopes that all your journeys will be pleasant and safe.

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## CUSTOMER INFORMATION

When you unpack your Moreno Connect GTX for the first time, check everything for damage.

If damage is found, consult your authorised BMW Motorrad retailer.

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## ABBREVIATIONS AND SYMBOLS

 **CAUTION** Low-risk hazard. Non-avoidance can lead to slight or moderate injury.

 **WARNING** Medium-risk hazard. Non-avoidance can lead to fatal or severe injury.

 **DANGER** High-risk hazard. Non-avoidance leads to fatal or severe injury.

 **ATTENTION** Special notes and precautionary measures. Non-compliance can lead to damage to the vehicle or accessory and, consequently, to voiding of the warranty.

 Specific instructions on how to operate, control, adjust or look after items of equipment on the motorcycle.

• Instruction.

» Result of an activity.

➡ Reference to a page with more detailed information.

◀ Indicates the end of a passage relating to specific accessories or items of equipment.

 Tightening torque.

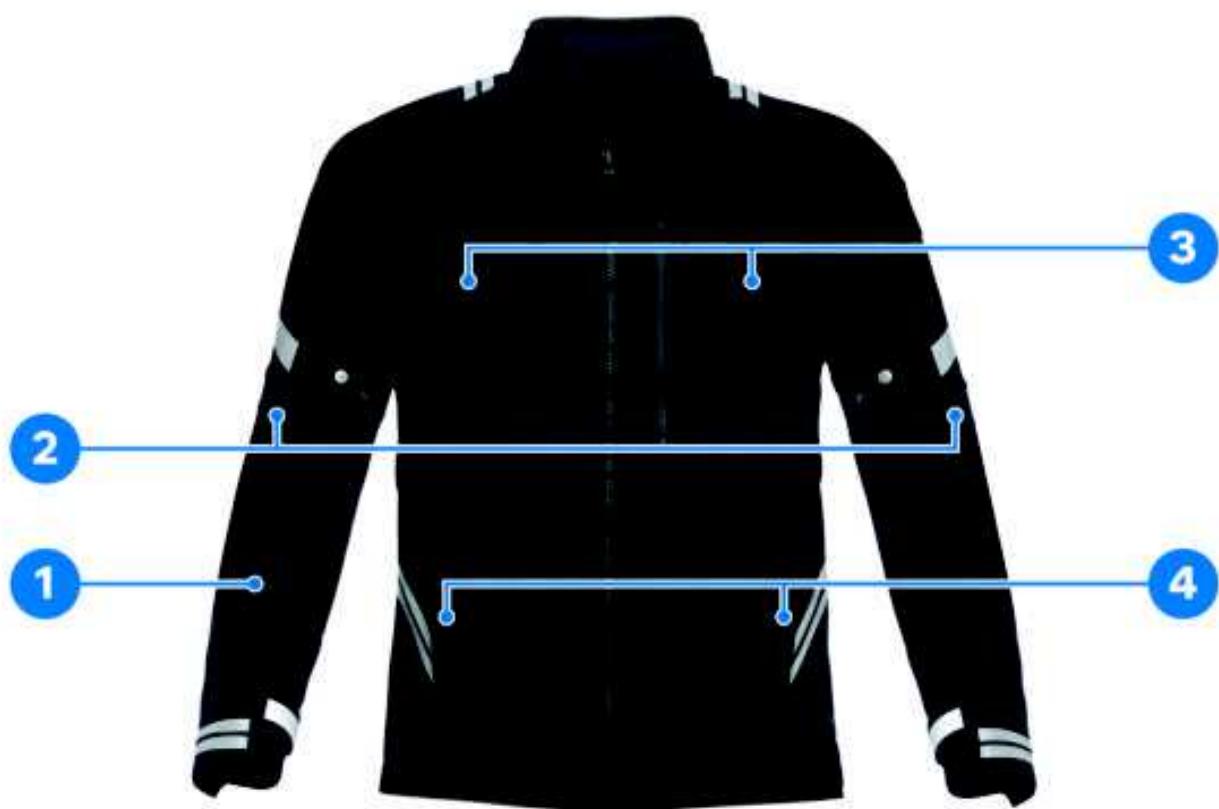


Technical data.

# OVERVIEWS

02

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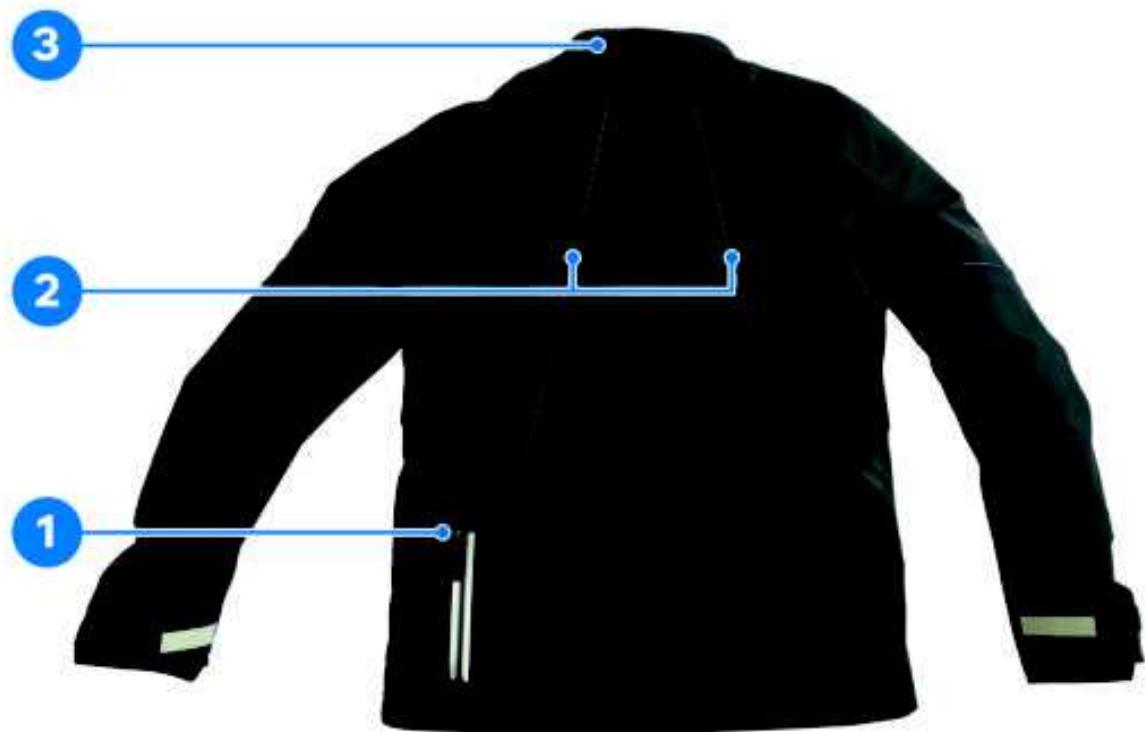
**OVERVIEW, OUTSIDE**

- 1** Favourites switch (► 10)
- 2** LED light guides (► 10)
- 3** Zip fasteners for ventilation (► 10)
- 4** Outside pocket

## 6 OVERVIEWS

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### OVERVIEW, BACK



- 1 Back pocket
- 2 LED light guides (➡ 10)
- 3 Removable storm hood in the collar

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**OVERVIEW, INSIDE**

- 1** Removable HeatUp Evo vest
- 2** Pocket for smartphone / power bank / control unit (► 11)
- 3** Opening for cable management
- 4** Inner pocket with cable opening (► 11)
- 5** Pockets, HeatUp Evo vest

## 8 OVERVIEWS

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### OVERVIEW, CONTROL UNIT



- 1 Spiral cable for connection to the vehicle's 12V power socket (► 13)
- 2 Control unit (► 21)
- 3 Y-adapter for simultaneous connection of heating function and light function (► 20)

# FUNCTION

03

## INSTALLING BMW MOTORRAD CONNECTED APP

For iOS and Android smartphones, the BMW Motorrad Connected app can be downloaded free from the corresponding app store. The QR code below is for downloading the app.



In the BMW Motorrad Connected app you can select various Connectivity functions that are available in combination with the BMW Motorrad accessory. When the vehicle is being ridden, the BMW Motorrad Connected app can be operated in combination with the ConnectedRide Cradle by means of the Multi-Controller.

## MORENO CONNECT GTX JACKET FUNCTIONS

The Moreno Connect GTX jacket combines a discreetly understated look with excellent functionality.

The triple-layer outer material keeps the jacket waterproof at all times, while large closable ventilation apertures help keep body temperature in the comfort zone.

Tucked neatly into the collar when not in use, the storm hood provides another way of keeping out the cold.

Protectors for the rider's back and joints offer a high level of safety even when adventuring far from surfaced roads.

The removable heating vest can be controlled via the smartphone or the on-vehicle controls.

Active lighting on back and sleeves improve visibility at night.

## LED LIGHT GUIDES AND FAVOURITES SWITCH



### LED light guides

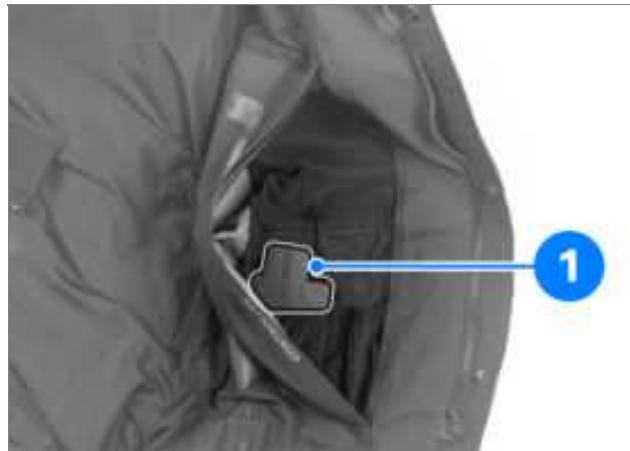
The Moreno Connect GTX jacket has waterproof LED light guides on back **2** and sleeves **3**. The colour of the LED light guides can be set to the wearer's preference in the BMW Motorrad Connected App. Favourites switch **1** enables the wearer to toggle between their favourite colours and other functions. These preferences can be defined and changed in the BMW Motorrad Connected App.

### Favourites switch

Favourites switch **1** enables the wearer to control the light functions of the Moreno Connect GTX jacket. Additionally, favourite functions such as "start navigate to home base" or "control heating functions of the vest in the BMW Motorrad Connected App" can be operated by means of the favourites switch (▶ 14).

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## CHARGING SMARTPHONE



The Moreno Connect GTX jacket has a function for charging a mobile phone. The control unit **1** has a USB-C interface for this purpose. The left inside pocket is big enough to accommodate the control unit, a mobile phone and, if necessary, a power bank.

The preconditions that have to be satisfied for charging a mobile phone are as follows:

- Control unit has to be correctly connected to the Moreno Connect GTX jacket (➡ 21).
- A current source has to be connected to the control unit (➡ 13).

# OPERATING

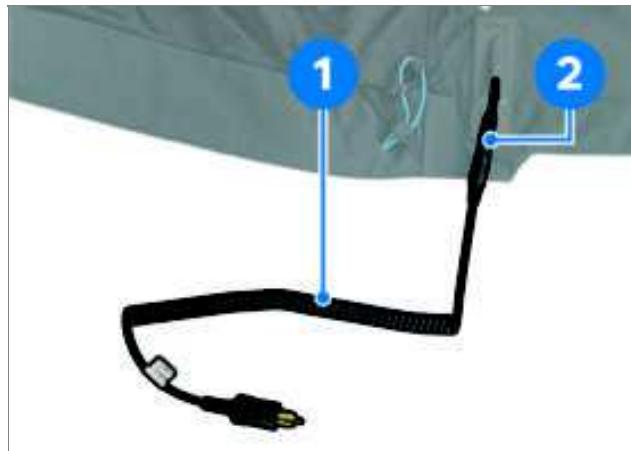
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## OPERATING THE MORENO CONNECT GTX JACKET'S FUNCTIONS

### Connection to the motorcycle's on-board socket

#### Requirement

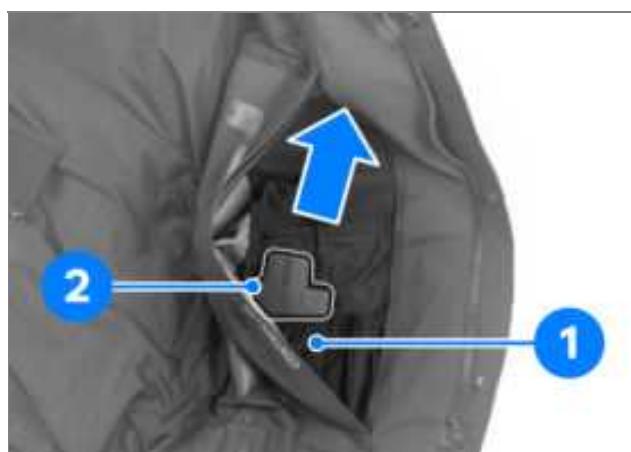
Connection to the on-board socket is permissible only for BMW motorcycles, BMW scooters or sockets with 5 A fuse protection.



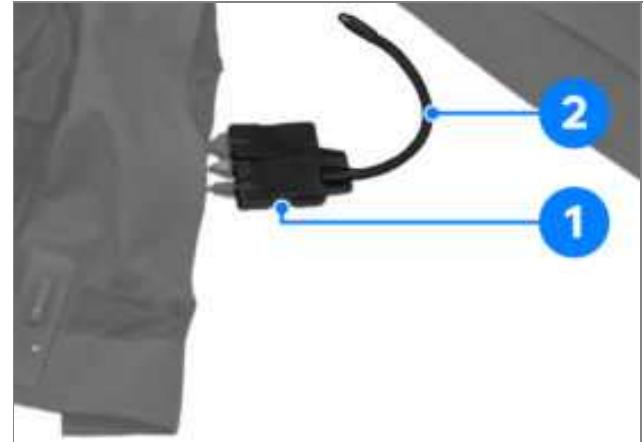
- Connect spiral cable **1** to cable **2** permanently connected to the control unit.
- Connect the spiral cable to the motorcycle by means of the 12 V on-board socket.

### Connecting power bank

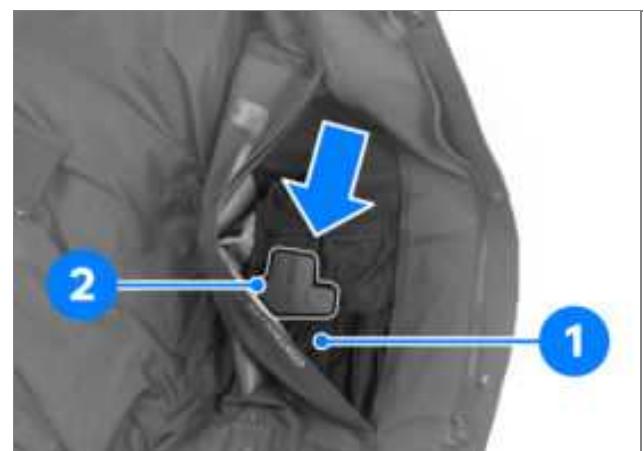
 Neither power bank nor USB-C cable are included in the scope of supply. BMW Motorrad recommends the use of a power bank with USB-PD (Power Delivery).



- Remove control unit **2** from holder **1**.



- Connect USB-C cable **2** to control unit **1**. The power input has a battery symbol as identifier.
- Connect the power bank to USB-C cable **2**.



- Insert control unit **2** into holder **1**.

 If a power bank is used to charge the smartphone, the right inner pocket can be used as an alternative to stow it snugly away.

## 14 OPERATING



- The function can also be changed to 'heating function' in the app.
- In operation connected to the 12 V on-board socket, there is a choice of three heating stages. Long-pressing the favourites switch then steps the heating power through the following sequence: stage 3 -> stage 2 -> stage 1 -> Off
- In operation with PD power bank, only one heating stage, a low-power heating stage, is available.

- Pass the USB cable through cable opening of left inner pocket **1**, cable duct **2** and cable opening of right inner pocket **3**.

### Operating favourites switch

#### Requirement

The Moreno Connect GTX jacket has to be connected to the control unit and to an active current source.

- If the current source is a power bank and the LED light guides are switched off for some time:
- Disconnect the power bank from the control unit and reconnect.
- Alternatively, if available: switch the power bank on by its own switch.



- Short-press favourites switch **1** to switch the LED light guides on/off.
- Press favourites switch **1** for longer to toggle between the favourite functions predefined in the BMW Motorrad Connected App.
- In the as-delivered condition, the default setting of the favourites function is 'colour change'.

# SAFETY

05

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**GENERAL SAFETY**

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**⚠️ WARNING****Style of riding not adapted to situation**

Risk of accident, component damage

- Adapt your style of riding to the situation. No protective equipment can offer complete protection against all possible causes of injury in cases of accident, collision, loss of control over the vehicle or other events.
- Invariably, it remains the rider's responsibility to adapt riding style to riding conditions.

**Safety features**

The Moreno Connect GTX jacket has various safety factors for riding a Scooter or a motorcycle:

- Active lighting on back and sleeves for better visibility at night or in conditions of poor visibility.
- Removable NP 3 Evo protectors at shoulders and elbows (protection class AA, EN 17092).

**⚠️ ATTENTION****Overheating of the heated bodywarmer vest**

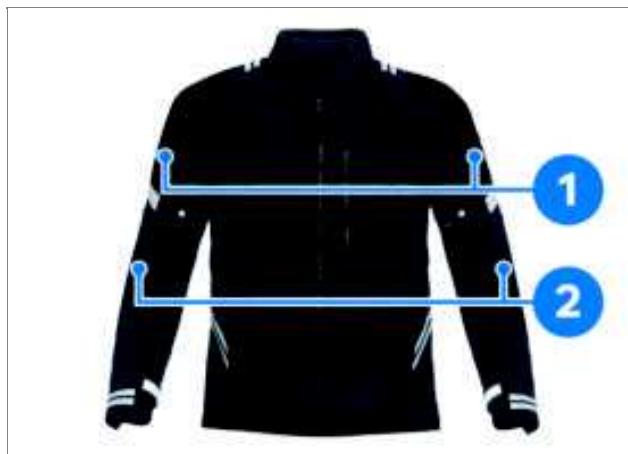
Risk of damage

- Use the heating function only when the heated bodywarmer vest is being worn.

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**REMOVABLE NP 3 EVO PROTECTORS**

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The NP 3 Evo protectors are in the left and right shoulders **1** and elbows **2**.

The NP 3 back protector is in a pocket in the back lining.

The protectors can be removed from the inside of the jacket. To remove the protectors from the sleeves, you have to reach into the sleeves from the front.

**CARE**

06

## CLEANING MORENO CONNECT GTX JACKET

### Requirement

The Moreno Connect GTX jacket has to be disconnected from the current source. All the pockets have to be emptied and the control unit has to be removed. The permanently installed cables for the LED light guides, the favourites switch and the light module can remain in the jacket when it is being cleaned.

 As regards cleaning the Moreno Connect GTX jacket, BMW Motorrad has posted care instructions on [bmw-motorrad.com](http://bmw-motorrad.com).

- Remove the control unit with HeatUp Evo vest. (► 20)
- Removing / inserting HeatUp Evo vest
- Clean the jacket in accordance with the care instructions.
- Clean the HeatUp Evo vest separately in accordance with the care instructions.

## CHECKING POSITION AND SECURITY OF LIGHT MODULE



- Check the position and attachment of light module **1** after cleaning.
- Check that hook and loop tapes **2** are correctly seated and positioned.

Position and attachment not as in delivery condition.

- Correct the cable routing by means of hook and loop tapes **2**.
- Secure light module **1** as in its delivery condition.

## STORING MORENO CONNECT GTX JACKET

Store the jacket in a ventilated room where it will remain as dry and well-protected from light as possible.

## REPAIR AND REPLACEMENT

If the Moreno Connect GTX jacket has a fault, consult your authorised BMW Motorrad retailer.

# **CONNECTION TO POWER SUPPLY**

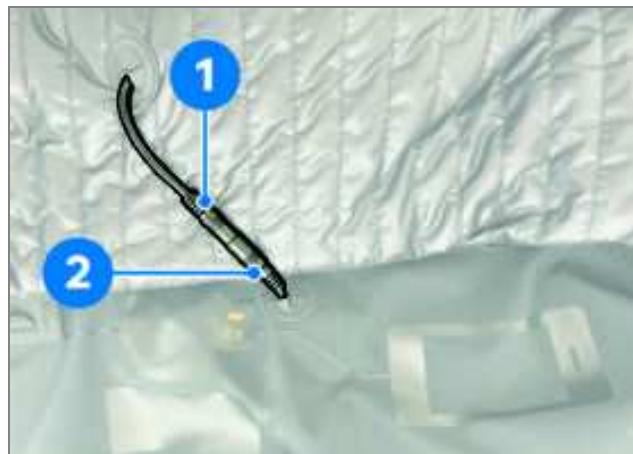
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### REMOVING/INSTALLING CONTROL UNIT WITH HEATUP EVO VEST

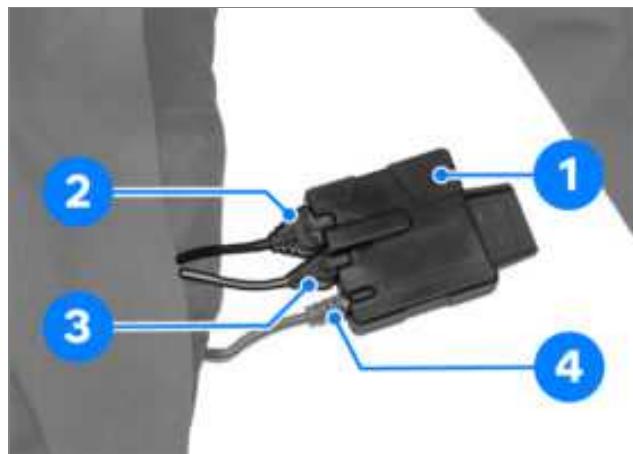
**i** In order for the Connectivity functions to be used, the Moreno Connect GTX jacket has to be either connected to the on-board socket of the motorcycle or, **alternatively**, supplied with power from a power bank. If a power bank is connected in addition to the connection to the on-board socket, the jacket is supplied with power only from the vehicle's electrical system.

**i** To ensure a long-lasting power supply, BMW Motorrad recommends supplying power to the Moreno Connect GTX jacket from the 12 V motorcycle's on-board socket.

- Remove the control unit. (► 13)



- Disconnect HeatUp Evo vest **1** from Y-adapter **2**.



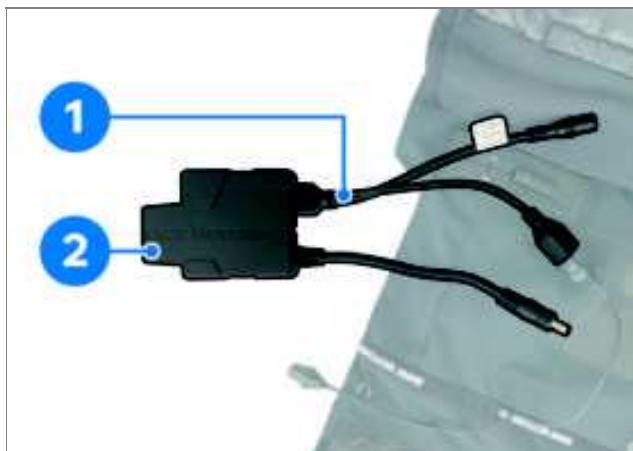
- Disconnect Y-adapter **2** and cable for the favourites switch **3** from control module **1**.
- Remove 12 V connecting cable **4** by working it out through the corresponding opening in the jacket and remove it, together with control unit **1**.



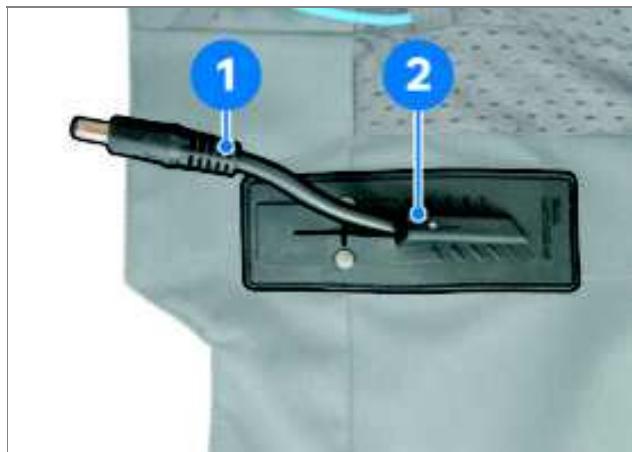
- Disconnect Y-adapter **2** from the permanently installed cable for the LED light guides **1** and remove.



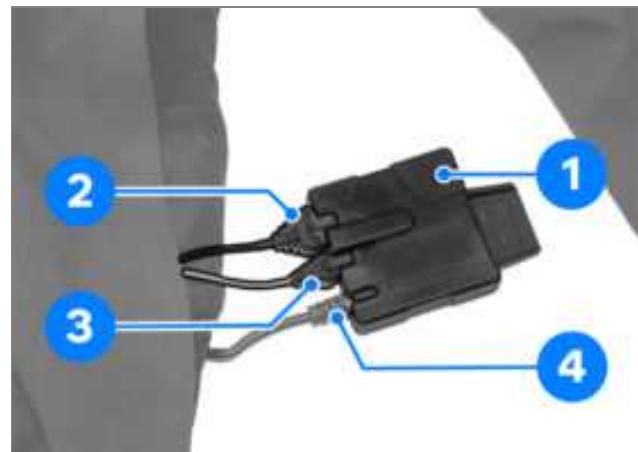
- Connect LED light guides cable **1** of the Moreno Connect GTX jacket to Y-adapter **2**.



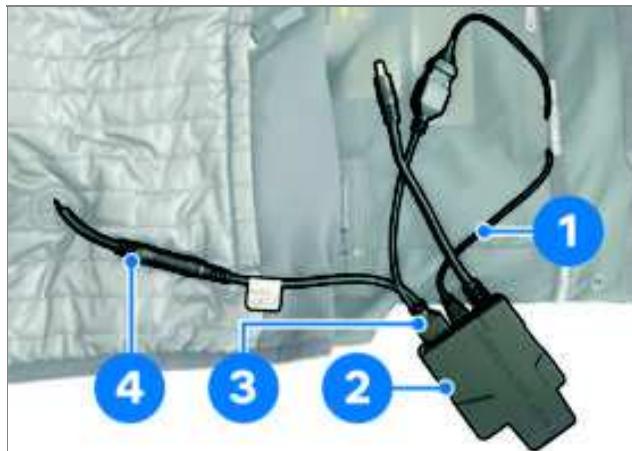
- Connect the Y-adapter to control element **2**



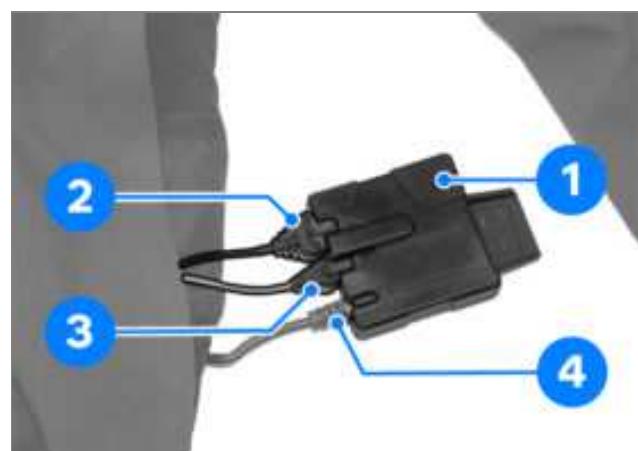
- Pass the permanently installed cable of control element **1** through the bottom cable opening in inner jacket **2**.



- Disconnect control unit **1** from the cable installed in the Moreno Connect GTX jacket for the LED light guides **2** and cable for the favourites switch **3**. Work 12 V connecting cable **4** out through the corresponding opening in the jacket and remove, together with control module **1**.



- Connect cable for favourites switch **1** to control element **2**.
- Connect the Y-adapter to connecting cable **4** of the HeatUp Evo jacket.
- Stow the control unit. (➡ 13)



- Connect control unit **1** to the permanently installed cable in the Moreno Connect GTX jacket for the LED light guides **2** and cable for favourites switch **3**. Insert 12 V connecting cable **4** through the corresponding opening in the jacket.

#### **REMOVING/INSTALLING CONTROL UNIT WITHOUT HEATUP EVO VEST**

- Remove the control unit. (➡ 13)

- Stow the control unit. (➡ 13)

# DISPOSAL

08

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**DISPOSAL OF JACKET****Electrical devices**

- It is illegal to dispose of electrical devices as domestic waste.
- Hand in the LED light guides, the light module and the control electronics at an approved collection point for end-of-life electrical devices.

Dispose of the rest of the jacket in accordance with locally applicable waste-disposal regulations.

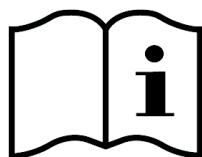
# TECHNICAL DATA

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**JACKET**

|   |   |
|---|---|
| Sizes   | Ladies', 34–48<br>Men's, 46–66  |
| Colour  | Black   |
| Material  | 3-layer GORE-TEX® Pro material  |
| Outer material  | 100 % nylon   |
| Shell material, HeatUp Evo vest                                   | Shell material, 100 % polyester<br>Shell material, side sections, 91 % polyester; 9 % elastane<br>Quilting, 100 % polyester |
| Protectors  | 2× NP 3 Evo protectors for shoulders<br>2× NP 3 Evo protectors for elbows<br>NP 3 back protector                            |
|   | Protection class AA to EN 17092   |
| Ventilation   | AirVent system and vent zip fasteners in the sides  |
| Ambient temperature for operation                                 | -10...50 °C   |
| Voltage supply, USB   | max 5 V   |
| Voltage supply, USB C Power Delivery                              | 5...9 V   |
| Voltage supply, vehicle's on-board electrical system power supply | max 12 V  |
| Nominal voltage, vehicle's on-board electrical system             | max 14 V  |

# EU Declaration of Conformity



<https://www.bmw-motorrad.com/certification>

## Manufacturer:

Schöffel Sportbekleidung GmbH, Ludwig-Schöffel-Straße 15, 86830 Schwabmünchen

## Declaration

|        |                   |
|--------|-------------------|
| FCC ID | 2BB4X40122223824  |
| IC-ID  | 30974-40122223824 |

|    |  |
|----|--|
| EN | Hereby, Schöffel declares that the radio equipment ConnectedRide Control Unit is in compliance with Directive 2014/53/EU.<br>The full text of the EU declarations of conformity is available at the following internet address:<br><a href="https://www.bmw-motorrad.com/certification">https://www.bmw-motorrad.com/certification</a> .<br>Frequency Range: 2.402~2.480 GHz, Transmission Power < 10 mW.                      |
| DE | Hiermit erklärt Schöffel, dass die Funkausrüstung ConnectedRide Control Unit in Übereinstimmung mit der Richtlinie 2014/53/EU steht. Der vollständige Text der EU-Konformitätserklärungen ist unter folgender Internetadresse verfügbar: <a href="https://www.bmw-motorrad.com/certification">https://www.bmw-motorrad.com/certification</a> . Frequenzbereich: 2,402~2,480 GHz, Sendeleistung < 10 mW.                        |
| FR | Par la présente, Schöffel déclare que l'équipement radioélectrique ConnectedRide Control Unit est conforme à la directive 2014/53/UE. Déclarations CE/UE de conformité, voir : <a href="https://www.bmw-motorrad.com/certification">https://www.bmw-motorrad.com/certification</a> . Bandes de fréquences : 2,402~2,480 GHz, puissance de radiofréquence < 10 mW.  |
| IT | Con la presente, Schöffel dichiara che l'apparecchiatura radio ConnectedRide Control Unit è conforme alla Direttiva 2014/53/UE. Il testo completo delle dichiarazioni di conformità dell'UE è disponibile al seguente indirizzo internet: <a href="https://www.bmw-motorrad.com/certification">https://www.bmw-motorrad.com/certification</a> . Gamma di frequenze: 2,402~2,480 GHz, Potenza di trasmissione < 10 mW.          |
| NL | Hierbij verklaart Schöffel dat de radioapparatuur ConnectedRide Control Unit in overeenstemming is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaringen is beschikbaar op het volgende internetadres: <a href="https://www.bmw-motorrad.com/certification">https://www.bmw-motorrad.com/certification</a> . Frequentiebereik: 2.402~2.480 GHz, Zendvermogen < 10 mW.                               |
| CZ | Společnost Schöffel tímto prohlašuje, že rádiové zařízení ConnectedRide Control Unit je v souladu se směrnicí 2014/53/EU. Úplný text prohlášení EU o shodě je dostupný na následující internetové adrese: <a href="https://www.bmw-motorrad.com/certification">https://www.bmw-motorrad.com/certification</a> . Frekvenční rozsah: 2,402~2,480 GHz, přenosový výkon < 10 mW.   |
| PT | Por meio desta, a Schöffel declara que o equipamento de rádio ConnectedRide Control Unit está em conformidade com a Diretiva 2014/53/UE. O texto completo das declarações de conformidade da UE está disponível no seguinte endereço da internet: <a href="https://www.bmw-motorrad.com/certification">https://www.bmw-motorrad.com/certification</a> . Faixa de Frequência: 2,402~2,480 GHz, Potência de Transmissão < 10 mW. |

|    |  |
|----|--|
| ES | Por la presente, Schöffel declara que el equipo radioeléctrico ConnectedRide Control Unit cumple con la Directiva 2014/53/UE. El texto completo de las declaraciones de conformidad de la UE está disponible en la siguiente dirección de internet: <a href="https://www.bmw-motorrad.com/certification">https://www.bmw-motorrad.com/certification</a> . Rango de frecuencia: 2.402~2.480 GHz, Potencia de radiofrecuencia < 10 mW. |
| PL | Niniejszym Schöffel oświadcza, że urządzenie radiowe ConnectedRide Control Unit jest zgodne z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: <a href="https://www.bmw-motorrad.com/certification">https://www.bmw-motorrad.com/certification</a> . Zakres częstotliwości: 2,402~2,480 GHz, moc transmisji < 10 mW.   |
| SE | Härmed förklarar Schöffel att radioutrustningen ConnectedRide Control Unit är i överensstämmelse med direktiv 2014/53/EU. Den fullständiga texten för EU:s överensstämmelsesförklaringar finns tillgänglig på följande internetadress: <a href="https://www.bmw-motorrad.com/certification">https://www.bmw-motorrad.com/certification</a> . Frekvensområde: 2,402~2,480 GHz, sändningseffekt < 10 mW.                               |
| GR | Με την παρούσα, η Schöffel Δηλώνει ότι ο ραδιοεξοπλισμός ConnectedRide Control Unit συμμορφώνεται με την Οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο τΩν ΔηλώσεΩν συμμόρφωσης της ΕΕ είναι Διαθέσιμο στην ακόλουθη Διεύθυνση Διαδικτύου: <a href="https://www.bmw-motorrad.com/certification">https://www.bmw-motorrad.com/certification</a> . Εύρος Συχνοτήτων: 2.402~2.480 GHz, Ισχύς Μετάδοσης < 10 mW.                                  |
| TR | İşbu belgeyle Schöffel, ConnectedRide Control Unit telsiz ekipmanının 2014/53/AB 'Direktifine uygun olduğunu beyan eder.<br>AB uygunluk beyanlarının tam metni şu internet adresinde mevcuttur: <a href="https://www.bmw-motorrad.com/certification">https://www.bmw-motorrad.com/certification</a> . Frekans Arahığı: 2.402~2.480 GHz, İletim Gücü < 10 mW.   |
| FI | Täten Schöffel ilmoittaa, että ConnectedRide Control Unit -radiolaite on direktiivin 2014/53/EU mukainen. EU:n vaatimustenmukaisuusvakuutusten täysi teksti on saatavilla seuraavassa internet-osoitteessa: <a href="https://www.bmw-motorrad.com/certification">https://www.bmw-motorrad.com/certification</a> . Taajuusalue: 2.402~2.480 GHz, lähetysteho < 10 mW.   |
| DK | Herved erklærer Schöffel, at radioudstyret ConnectedRide Control Unit er i overensstemmelse med direktiv 2014/53/EU. Den fulde tekst af EU-overensstemmelseserklæringerne er tilgængelig på følgende internetadresse: <a href="https://www.bmw-motorrad.com/certification">https://www.bmw-motorrad.com/certification</a> . Frekvensområde: 2.402~2.480 GHz, Sendeeffekt < 10 mW.  |
| SL | S tem podjetje Schöffel izjavlja, da je radijska oprema ConnectedRide Control Unit v skladu z direktivo 2014/53/EU. Celotno besedilo izjav o skladnosti EU je na voljo na naslednjem spletnem naslovu: <a href="https://www.bmw-motorrad.com/certification">https://www.bmw-motorrad.com/certification</a> . Frekvenčno območje: 2.402~2.480 GHz, moč oddajanja < 10 mW.   |
| HU | Ezennel az Schöffel kijelenti, hogy a ConnectedRide Control Unit rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU megfelelőségi nyilatkozatainak teljes szövege elérhető a következő internetes címen: <a href="https://www.bmw-motorrad.com/certification">https://www.bmw-motorrad.com/certification</a> . Frekvenciatartomány: 2.402~2.480 GHz, sugárzási teljesítmény < 10 mW.   |

## FCC/ISED Regulatory notices

### Modification statement

BMW Motorrad has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment.

*BMW Motorrad n'approuve aucune modification apportée à l'appareil par l'utilisateur, quelle qu'en soit la nature. Tout changement ou modification peuvent annuler le droit d'utilisation de l'appareil par l'utilisateur.*

### Interference statement (if it is not placed in the device)

This device complies with Part 15 of the FCC Rules and Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

*Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.*

### Wireless notice

This device complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the ISED radio frequency (RF) Exposure rules **for portable devices at 0mm evaluation distance**.

*Le présent appareil est conforme à l'exposition aux radiations FCC / ISED définies pour un environnement non contrôlé et répond aux directives d'exposition de la fréquence de la FCC radiofréquence (RF) et RSS-102 de la fréquence radio (RF) ISED règles d'exposition pour les règles d'exposition portables à une distance d'évaluation de 0 mm.*

### FCC Class B digital device notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### CAN ICES-3 (B) / NMB-3 (B)

This Class B digital apparatus complies with Canadian ICES-003.

*Cet appareil numérique de classe B est conforme à la norme canadienne ICES-003.*

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**Disclaimer**

Depending on the scope of equipment or accessories of your product from BMW Motorrad but also in the case of country-specific versions, deviations from the details described or illustrated in this booklet may occur. No claims will be entertained as a result of such discrepancies. Dimensions, weights, fuel consumption and performance data are quoted to the customary tolerances. The right to modify designs, equipment and accessories is reserved. Errors and omissions excepted.

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