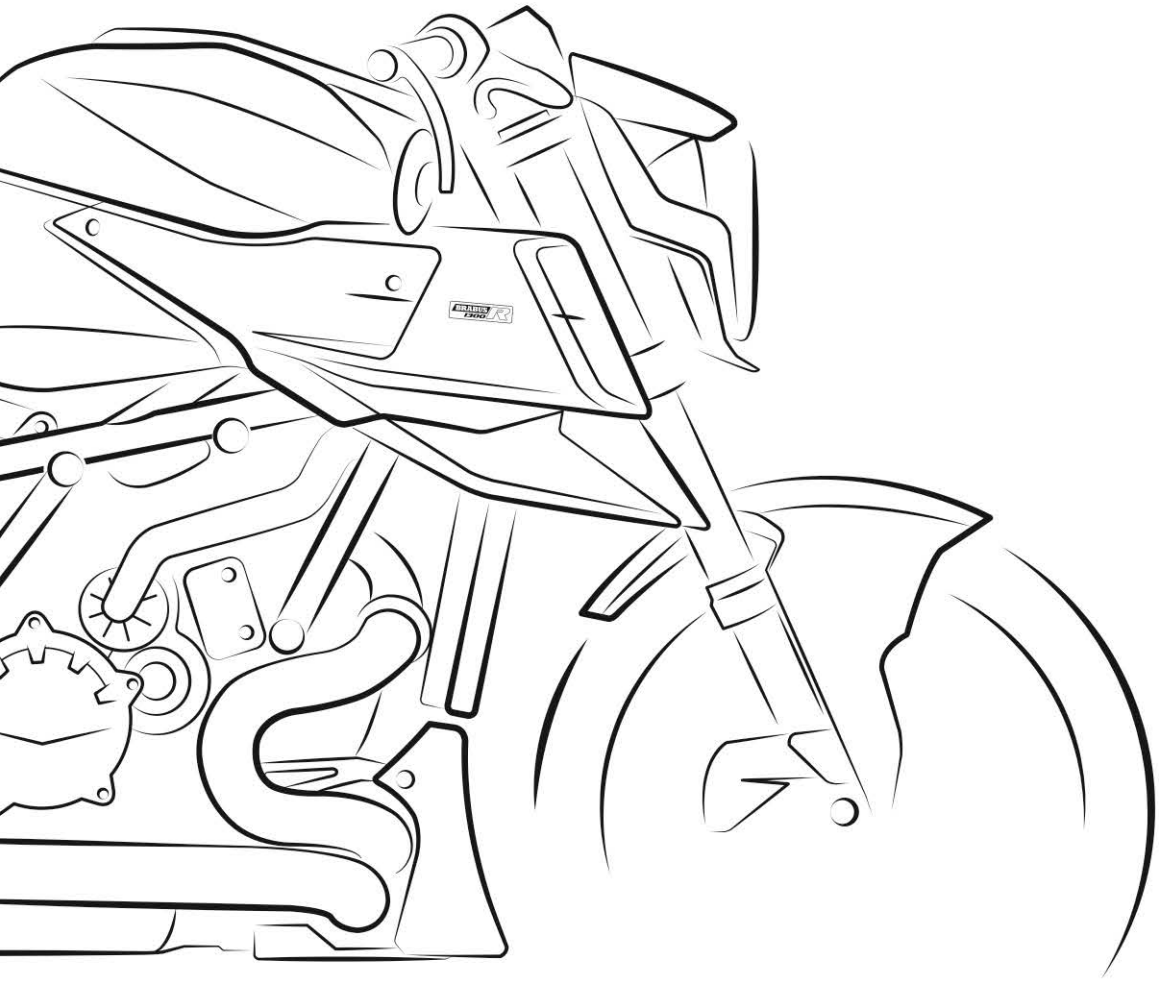
SETUP INSTRUCTIONS 2022

BRABUS 1300 R

Art. no. 3214662en



BRABUS

Perform the work described in these setup instructions before the vehicle is delivered to the customer.

Read the setup instructions in their entirety before beginning work.

These setup instructions were written to correspond to the latest state of this series. We reserve the right to make modifications in the interest of technical advancement without at the same time updating these setup instructions.
We shall not provide a description of general workshop methods. Likewise, safety rules that apply in a workshop are not specified here. It is assumed that the work will be performed by a fully trained mechanic.

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ISO 9001(12 100 6061)
KTM applies quality assurance processes that lead to the highest possible product quality as defined in the ISO 9001 international quality management standard.
Issued by: TÜV-Management Service

REG.NO. 12 100 6061

KTM Sportmotorcycle GmbH
Stallhofnerstraße 3
5230 Mattighofen, Austria

This document is valid for the following models:

BRABUS 1300 R (F9999V4, F9999V5)

3214662en

02/2022

1 MEANS OF REPRESENTATION

1.1 Symbols used

The meaning of specific symbols is described below.

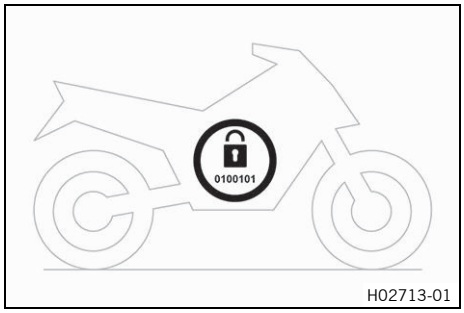
✓	Indicates an expected reaction (e.g. of a work step or a function).
✗	Indicates an unexpected reaction (e.g. of a work step or a function).
	Indicates a page reference (more information is provided on the specified page).
i	Indicates information with more details or tips.
»	Indicates the result of a testing step.
V	Indicates a voltage measurement.
A	Indicates a current measurement.
Ω	Indicates a resistance measurement.
◀	Indicates the end of an activity including potential rework.

1.2 Formats used

The typographical formats used in this document are explained below.

Proprietary name	Indicates a proprietary name.
Name®	Indicates a protected name.
Brand™	Indicates a brand available on the open market.
Underlined terms	Refer to technical details of the vehicle or indicate technical terms, which are explained in the glossary.

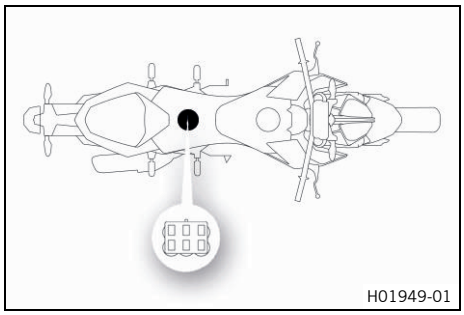
2.1 Transport mode



This vehicle was blocked for transport in the software.
To operate the vehicle, the vehicle electronics must be enabled.
This process is conducted during initial setup in KTM Dealer.net.
Enabling ensures that the initial setup in KTM Dealer.net is documented.
Enabling can be performed either temporarily, e.g. for a test ride, or permanently for vehicle handover.

Info
Make sure that the vehicle is permanently enabled before handing it over to the customer.

2.2 Diagnostics connector

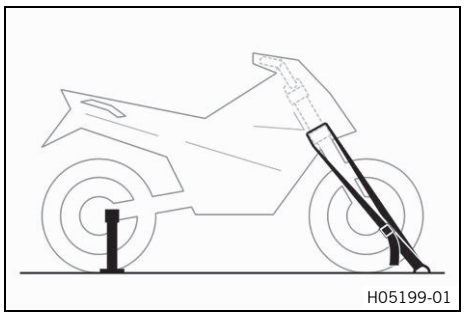


The diagnostics connector is located under the front rider's seat.

2.3 Unpacking and setting up the vehicle

Preliminary work

– Remove the box.



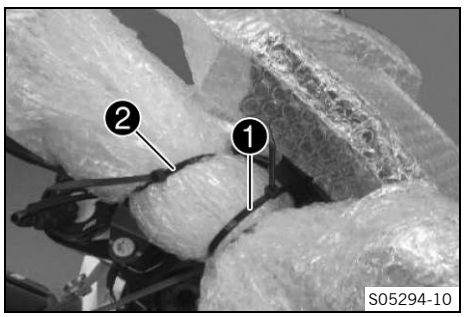
Main work

– Remove the separate enclosure and unpack it. Check that the scope of supply is complete using the enclosed packing list.

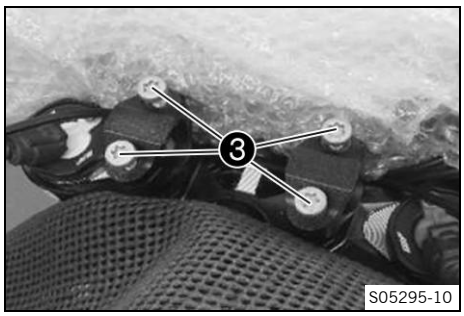
Info
The procedure for missing components is described in the Customer Service Manual.

– Check the vehicle for transport damage.

Info
The procedure in the event of transport damage is described in the Customer Service Manual.



– Remove cable ties ❶ and hang the combination instrument to the side.
– Remove cable ties ❷ and hang the handlebar to the side.

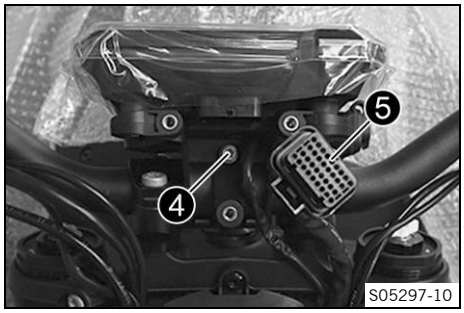


– Remove the handlebar clamp screws ❸.
– Take off the handlebar clamp.

– Position the handlebar.
  ✔ The markings of the handlebar scale are located centrally between the handlebar clamp.
– Position the handlebar clamp. Mount and tighten the screws evenly.

Guideline

Screw, handlebar clamp	M8	20 Nm (14.8 lbf ft)

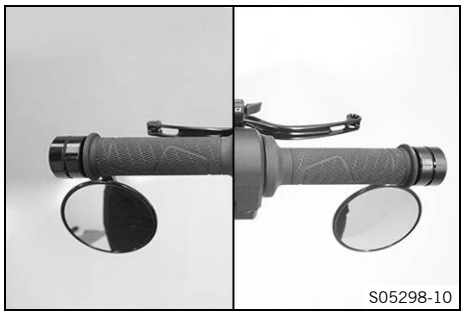


– Position the combination instrument rack on the handlebar.
– Mount screw ❹, but do not tighten it yet.
– Move the combination instrument into the desired position.
– Tighten screw ❹.

Guideline

Screw, combination instrument clamping	M6	2 Nm (1.5 lbf ft)

– Plug in connector ❺ with sleeve.

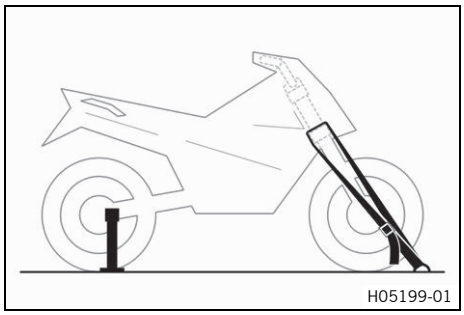


– Mount and tighten the rear mirror on both sides.

Guideline

Screw, handlebar end mirror	M6x35	13 Nm (9.6 lbf ft)

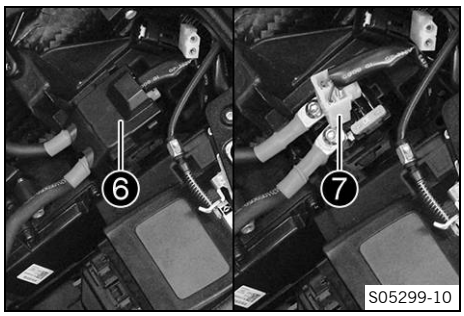
Mount the rear mirror facing downward.



– Carefully loosen and remove the tension belts around the fork legs.
  ✔ The vehicle is released at the front.

Info
An assistant prevents the motorcycle from falling over.

– Remove the tension belt on the rear wheel.
– Together with an assistant, take the vehicle off the pallet.
– Remove the radiator shield.



– Remove the front rider's seat. (📖 p. 6)
– Remove the black ignition key and **KEYCODECARD** and keep in a safe place for the handover.
– Remove cover ❻.
– Plug in the connector of starter relay ❼.
– Mount the cover.
– Charge the 12-V battery. (📖 p. 10)

  Guideline

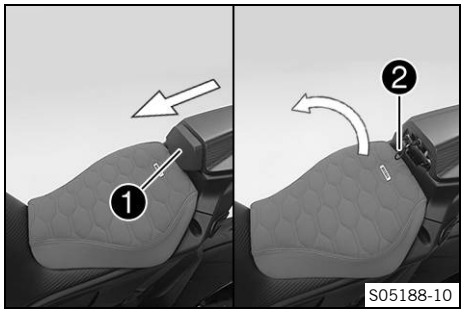
  The 12-V battery must be fully charged before it is handed over to the customer.

Info
The first charging process may take longer with a new 12-V battery.

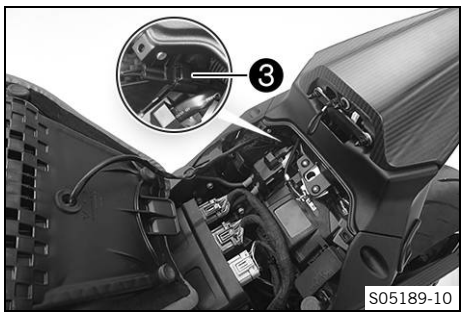
– Remove the protective film.
– Refuel. (📖 p. 12)
– Prepare the vehicle according to the specifications in **KTM Dealer.net** for handover to the customer.

Info
Transport mode must be deactivated to be able to start the motorcycle.

3.1 Removing the front rider's seat

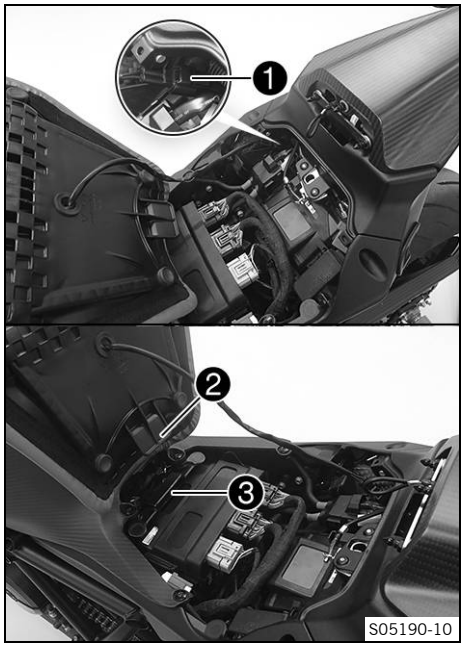


- Pull off back cushion ❶ toward the front.
- Unlock the front rider's seat with loop ❷.
- Lift the rear of the front rider's seat.

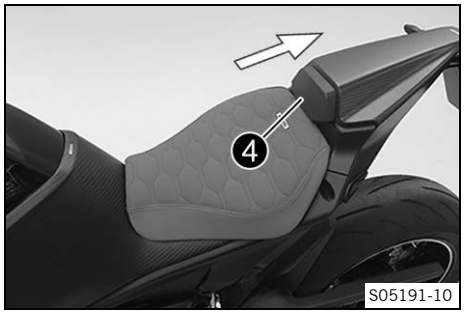


- Disconnect plug-in connector ❸ of the seat heating.
- Remove the front rider's seat.

3.2 Mounting the front rider's seat



- Join plug-in connector ❶ of the seat heating.
- Hook recess ❷ of the front rider's seat into guide ❸, lower it at the rear and push it forward.
- Position the locking pin in the lock housing and push down the front rider's seat at the rear.
  ✔ The locking pin engages with an audible click.
- Check that the front rider's seat is mounted correctly.



- Position back cushion ❹ and push it into holding lugs.

3.3 Removing the 12-V battery

Warning

Risk of injury Battery acid and battery gases cause serious chemical burns.

- Keep 12 V batteries out of the reach of children.
- Wear suitable protective clothing and safety glasses.
- Avoid contact with battery acid and battery gases.
- Keep sparks or open flames away from the 12 V battery.
- Only charge 12 V batteries in well-ventilated rooms.
- Rinse the affected area immediately with plenty of water in the event of contact with the skin.
- Rinse eyes with water for at least 15 minutes and consult a doctor immediately if battery acid and battery gases get into the eyes.

Caution

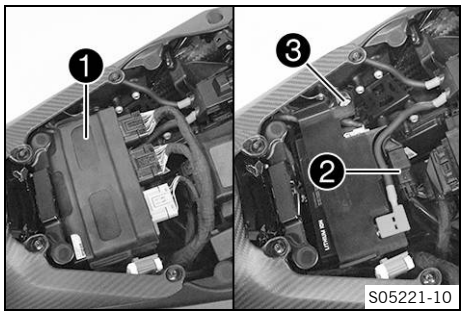
Danger of accidents Electronic components and safety devices will be damaged if the 12-V battery is discharged or missing.

If the 12-V battery is discharged or defective, malfunctions in the vehicle electronics can occur, especially when starting.

- Never operate the vehicle with a discharged 12-V battery or without a 12-V battery.

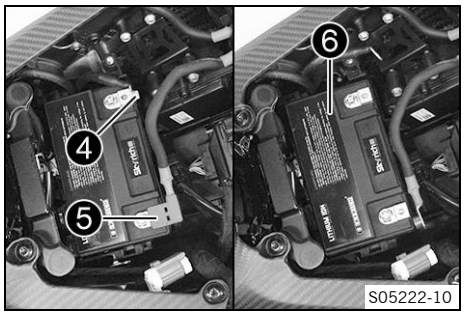
Preparatory work

- Remove the front rider's seat. (📖 p. 6)



Main work

- Remove control unit ❶ and hang to the side.
- Disconnect plug-in connector ❷.
- Remove screw ❸ and take off the battery cover.



- Disconnect negative cable ❹ from the 12-V battery.
- Take off positive terminal cover ❺ and disconnect the positive cable from the 12-V battery.
- Take the 12-V battery ❻ out of the battery compartment.

3.4 Installing the 12-V battery

Warning

Risk of injury Battery acid and battery gases cause serious chemical burns.

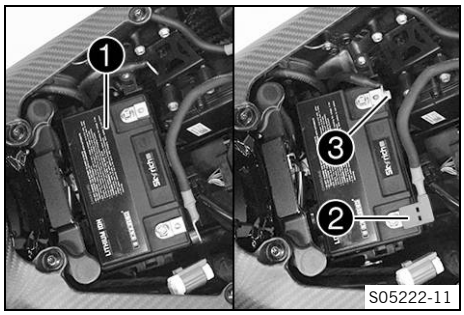
- Keep 12 V batteries out of the reach of children.
- Wear suitable protective clothing and safety glasses.
- Avoid contact with battery acid and battery gases.
- Keep sparks or open flames away from the 12 V battery.
- Only charge 12 V batteries in well-ventilated rooms.
- Rinse the affected area immediately with plenty of water in the event of contact with the skin.
- Rinse eyes with water for at least 15 minutes and consult a doctor immediately if battery acid and battery gases get into the eyes.

Caution

Danger of accidents Electronic components and safety devices will be damaged if the 12-V battery is discharged or missing.

If the 12-V battery is discharged or defective, malfunctions in the vehicle electronics can occur, especially when starting.

- Never operate the vehicle with a discharged 12-V battery or without a 12-V battery.



Main work

- Insert 12-V battery ❶ into the battery compartment.

12-V battery (HJTZ14S-FPI)

- Position the positive cable and mount and tighten the screw.

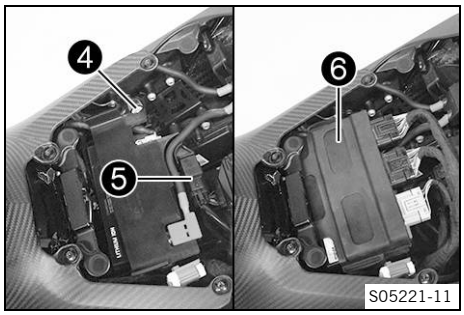
  Guideline

Screw, battery terminal	M6	4.5 Nm (3.32 lbf ft)

- Position positive terminal cover ❷.
- Position negative cable ❸ and mount and tighten the screw.

  Guideline

Screw, battery terminal	M6	4.5 Nm (3.32 lbf ft)



- Position the battery cover, mount screw ❹, and tighten.

  Guideline

Remaining screws, chassis	M5	5 Nm (3.7 lbf ft)

- Join plug-in connector ❺.
- Position control unit ❻.

Finishing work

- Mount the front rider's seat. (📖 p. 6)
- Set time and date.

3.5 Disconnecting the negative cable of the 12-V battery

Warning

Risk of injury Battery acid and battery gases cause serious chemical burns.

- Keep 12 V batteries out of the reach of children.
- Wear suitable protective clothing and safety glasses.
- Avoid contact with battery acid and battery gases.
- Keep sparks or open flames away from the 12 V battery.
- Only charge 12 V batteries in well-ventilated rooms.
- Rinse the affected area immediately with plenty of water in the event of contact with the skin.
- Rinse eyes with water for at least 15 minutes and consult a doctor immediately if battery acid and battery gases get into the eyes.

Caution

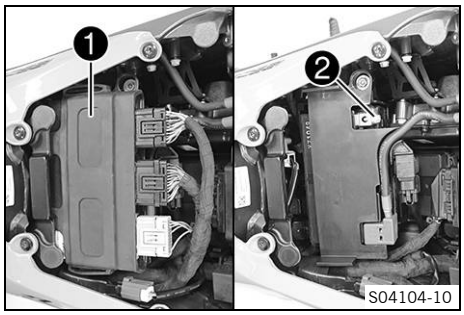
Danger of accidents Electronic components and safety devices will be damaged if the 12-V battery is discharged or missing.

If the 12-V battery is discharged or defective, malfunctions in the vehicle electronics can occur, especially when starting.

- Never operate the vehicle with a discharged 12-V battery or without a 12-V battery.

Preparatory work

- Remove the front rider's seat. (📖 p. 6)



Main work

- Remove control unit ❶ and hang to the side.
- Disconnect negative cable ❷ from the 12-V battery.

3.6 Connecting the negative cable of the 12-V battery

Warning

Risk of injury Battery acid and battery gases cause serious chemical burns.

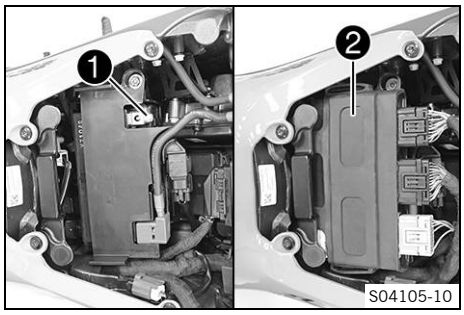
- Keep 12 V batteries out of the reach of children.
- Wear suitable protective clothing and safety glasses.
- Avoid contact with battery acid and battery gases.
- Keep sparks or open flames away from the 12 V battery.
- Only charge 12 V batteries in well-ventilated rooms.
- Rinse the affected area immediately with plenty of water in the event of contact with the skin.
- Rinse eyes with water for at least 15 minutes and consult a doctor immediately if battery acid and battery gases get into the eyes.

Caution

Danger of accidents Electronic components and safety devices will be damaged if the 12-V battery is discharged or missing.

If the 12-V battery is discharged or defective, malfunctions in the vehicle electronics can occur, especially when starting.

– Never operate the vehicle with a discharged 12-V battery or without a 12-V battery.



Main work

– Position negative cable ❶ and mount and tighten the screw.

Guideline

Screw, battery terminal	M6	4.5 Nm (3.32 lbf ft)

– Position control unit ❷.

Finishing work

– Mount the front rider's seat. (📖 p. 6)
– Set time and date.

3.7 Charging the 12-V battery

Warning

Risk of injury Battery acid and battery gases cause serious chemical burns.

– Keep 12 V batteries out of the reach of children.
– Wear suitable protective clothing and safety glasses.
– Avoid contact with battery acid and battery gases.
– Keep sparks or open flames away from the 12 V battery.
– Only charge 12 V batteries in well-ventilated rooms.
– Rinse the affected area immediately with plenty of water in the event of contact with the skin.
– Rinse eyes with water for at least 15 minutes and consult a doctor immediately if battery acid and battery gases get into the eyes.

Warning

Risk of injury 12 V batteries contain harmful substances.

– Keep 12 V batteries out of the reach of children.
– Keep sparks and open flames away from 12 V batteries.
– Only charge 12 V batteries in well-ventilated rooms.
– Maintain a minimum clearance from inflammable materials when charging 12 V batteries.

Minimum clearance 1 m (3 ft)

Note

Danger of damage An incorrectly selected charging mode will damage the 12-V battery.

– Always select a charging mode that is compatible with the type of battery.

Note

Environmental hazard 12 V batteries contain environmentally hazardous materials.

– Do not dispose of 12 V batteries as household waste.
– Dispose of 12 V batteries at a collection point for used batteries.

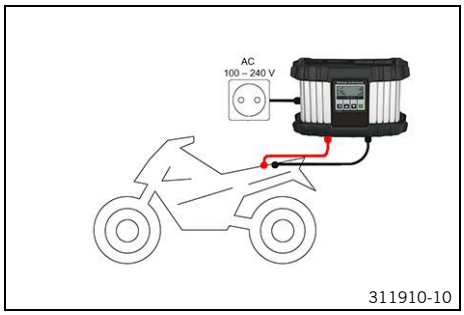
Note

Environmental hazard Hazardous substances cause environmental damage.

– Dispose of oils, grease, filters, fuel, cleaning agents, brake fluid, etc., correctly and in compliance with the applicable regulations.

Info

Even when there is no load on the 12-V battery, it discharges steadily each day.
The charging level and the method of charging are very important for the service life of the 12-V battery.
Rapid recharging with a high charging current shortens the service life of the battery.
If the charging current, charging voltage, or charging time is exceeded, the 12 V battery will be destroyed.
If the 12-V battery is depleted by repeated starting, the 12-V battery must be charged immediately.
If the 12-V battery is left in a discharged state for an extended period, it will become deeply discharged and suffer a loss of capacity, destroying the battery.
The 12-V battery is maintenance-free.



Preparatory work

– Remove the front rider's seat. (p. 6)
– Disconnect the negative cable of the 12-V battery. (p. 9)

Main work

– Connect a battery charger to the 12-V battery. Adjust the battery charger.

EU battery charger **XCharge-professional** (00029095050)

Alternative 1

US battery charger **XCharge-professional** (00029095051)

Alternative 2

UK battery charger **XCharge-professional** (00029095052)

Info

Follow the instructions of the charger and the manual.

– Disconnect the battery charger after charging the 12-V battery.

Guideline

The charging current, charging voltage, and charging time must not be exceeded.	
Recharge the 12-V battery regularly when the motorcycle is not being used	3 months

Finishing work

– Connect the negative cable of the 12-V battery. (p. 9)
– Mount the front rider's seat. (p. 6)
– Set time and date.

3.8 Refueling

Danger

Fire hazard Fuel is highly flammable.

The fuel in the fuel tank expands when warm and can escape if overfilled.

- Do not fuel the vehicle in the vicinity of open flames or lit cigarettes.
- Switch off the engine for refueling.
- Make sure that no fuel is spilled; particularly not on hot parts of the vehicle.
- If any fuel is spilled, wipe it off immediately.
- Observe the specifications for refueling.

Warning

Danger of poisoning Fuel is poisonous and a health hazard.

- Avoid skin, eye and clothing contact with fuel.
- Immediately consult a doctor if you swallow fuel.
- Do not inhale fuel vapors.
- In case of skin contact, rinse the affected area with plenty of water.
- Rinse the eyes thoroughly with water, and consult a doctor in case of fuel contact with the eyes.
- Change your clothing in case of fuel spills on them.

Note

Material damage Inadequate fuel quality causes the fuel filter to quickly become clogged.

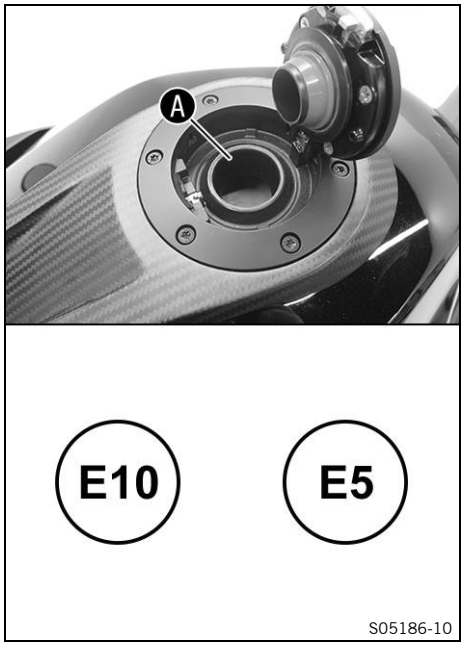
In some countries and regions, the available fuel quality and cleanliness may not be sufficient. This will result in problems with the fuel system.

- Refuel only with clean fuel that meets the specified standards.

Note

Environmental hazard Improper handling of fuel is a danger to the environment.

- Do not allow fuel to enter the groundwater, the soil, or the sewage system.



- Switch off the engine.
- Open fuel tank filler cap. (p. 13)
- Fill the fuel tank with fuel up to the lower edge Ⓐ of the filler neck.

Total fuel tank capacity, approx.	16 l (4.2 US gal)	Super unleaded (ROZ 95) (p. 20)

- Close the fuel tank filler cap. (p. 14)

3.9 Opening fuel tank filler cap

Danger

Fire hazard Fuel is highly flammable.

The fuel in the fuel tank expands when warm and can escape if overfilled.

- Do not fuel the vehicle in the vicinity of open flames or lit cigarettes.
- Switch off the engine for refueling.
- Make sure that no fuel is spilled; particularly not on hot parts of the vehicle.
- If any fuel is spilled, wipe it off immediately.
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Danger of poisoning Fuel is poisonous and a health hazard.

- Avoid skin, eye and clothing contact with fuel.
- Immediately consult a doctor if you swallow fuel.
- Do not inhale fuel vapors.
- In case of skin contact, rinse the affected area with plenty of water.
- Rinse the eyes thoroughly with water, and consult a doctor in case of fuel contact with the eyes.
- Change your clothing in case of fuel spills on them.
- Keep fuels correctly in a suitable canister, and out of the reach of children.

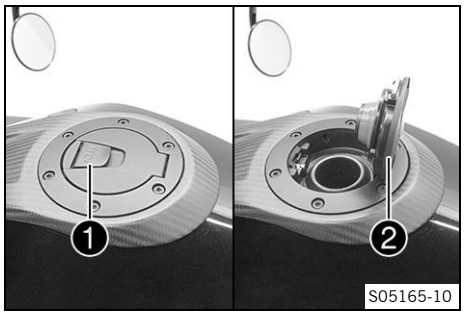
Note

Environmental hazard Improper handling of fuel is a danger to the environment.

- Do not allow fuel to enter the groundwater, the soil, or the sewage system.

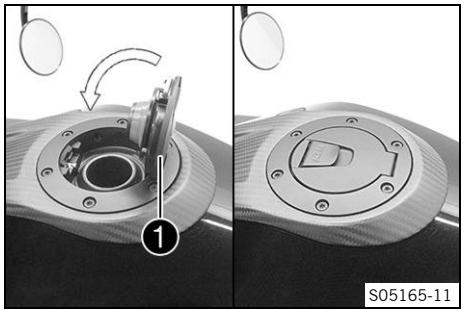
Condition

The motorcycle is stationary.
The engine is switched off.
The ignition has been switched on or off for less than 1 minute.



- Fold up cover ❶ slowly.
  ✔ The fuel tank filler cap is unlocked.
- Fold up fuel tank filler cap ❷.

3.10 Closing the fuel tank filler cap



Warning

Fire hazard Fuel is highly flammable, toxic and a health hazard.

- Check that the fuel tank filler cap is locked correctly after closing.
- Change your clothing if fuel spills on them.
- Rinse the affected area immediately with plenty of water in the event of contact with the skin.

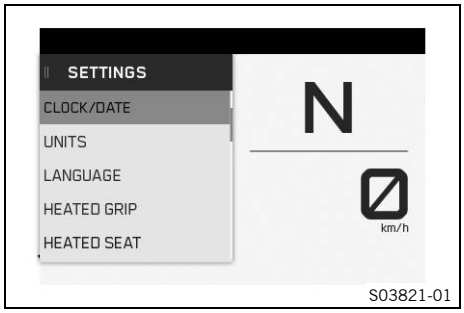
– Fold down fuel tank filler cap ❶ and push it down.

✔ The fuel tank filler cap locks audibly in place.

3.11 Setting the time and date

Condition

The motorcycle is stationary.

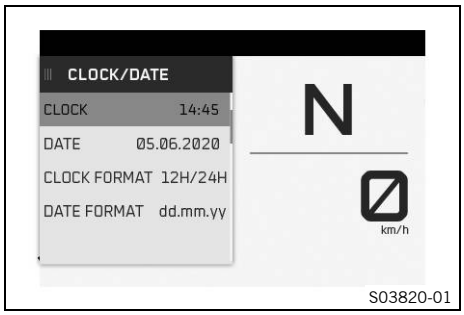


– Press **RIGHT** button when the menu is closed.
– Press the **UP** or **DOWN** button until **Settings** is marked.

✔ Press the **RIGHT** button to open the menu.

– Press the **UP** or **DOWN** button until **Clock/Date** is marked.

✔ Press the **RIGHT** button to open the menu.



Setting the clock

– Press the **UP** or **DOWN** button until the time is marked.
– Press the **SET** button.

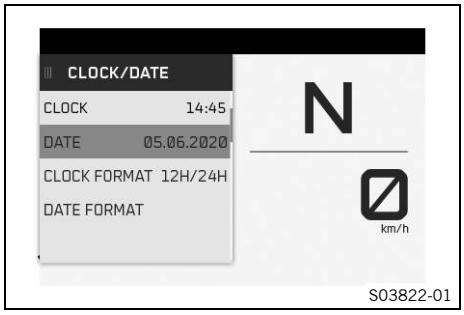
✔ The hour next to **Clock** flashes.

– Press the **UP** or **DOWN** button until the current hour is set.
– Press the **RIGHT** button.

✔ The minute next to **Clock** flashes.

– Press the **UP** or **DOWN** button until the current minute is set.
– Press the **SET** button.

✔ The time is stored.



Setting the date

– Press the **UP** or **DOWN** button until the date is marked.
– Press the **SET** button.

✔ The day next to **Date** flashes.

– Press the **UP** or **DOWN** button until the current day is set.
– Press the **RIGHT** button.

✔ The month next to **Date** flashes.

– Press the **UP** or **DOWN** button until the current month is set.
– Press the **RIGHT** button.

✔ The year next to **Date** flashes.

– Press the **UP** or **DOWN** button until the current year is set.
– Press the **SET** button.

✔ The date is stored.

4.1 Chassis tightening torques

Brake fluid reservoir for front brake cover	-	1 Nm (0.7 lbf ft)
Brake fluid reservoir for rear brake cover	-	3.5 Nm (2.58 lbf ft)
Remaining screws, chassis	**EJOT PT®** K50x12	1 Nm (0.7 lbf ft)
Remaining screws, chassis	**EJOT PT®** K50x14	1 Nm (0.7 lbf ft)
Remaining screws, chassis	**EJOT PT®** K50x16	2 Nm (1.5 lbf ft)
Remaining screws, chassis	**EJOT PT®** K50x18	2 Nm (1.5 lbf ft)
Remaining screws, chassis	**EJOT PT®** K45x12	1 Nm (0.7 lbf ft)
Screw, air filter box cover	**EJOT PT®** K60x30	2.5 Nm (1.84 lbf ft)
Screw, ball head holder on headlight	**EJOT ALtracs®** 50x12	7 Nm (5.2 lbf ft)
Screw, brake assembly		5 Nm (3.7 lbf ft)
Screw, exhaust valve cover fastening	**EJOT SF®** M4x6-K	4 Nm (3 lbf ft)
Screw, intake air temperature sensor	**EJOT PT®** K50x16	2 Nm (1.5 lbf ft)
Screw, radiator fan cover	**EJOT DELTA PT®** 40x46/10	1 Nm (0.7 lbf ft)
Screw, SAS on air filter box	**EJOT PT®** K50x16	2 Nm (1.5 lbf ft)
Screw on handle	M4	6 Nm (4.4 lbf ft)
Screw, fixed grip, left	M4	3 Nm (2.2 lbf ft)
Screw, side stand sensor	M4	2 Nm (1.5 lbf ft)
Remaining nuts, chassis	M5	5 Nm (3.7 lbf ft)
Remaining screws, chassis	M5	5 Nm (3.7 lbf ft)
Screw for throttle grip	M5	3.5 Nm (2.58 lbf ft)
Screw, 6D sensor holder	M5	2.7 Nm (1.99 lbf ft) **Loctite®243™**
screw, absorbing element, combination instrument	M5	2 Nm (1.5 lbf ft) **Loctite®243™**
Screw, cable channel	M5	5 Nm (3.7 lbf ft)
Screw, chain sliding guard	M5	5 Nm (3.7 lbf ft)
Screw, combination instrument	M5	1 Nm (0.7 lbf ft)
Screw, combination switch, left	M5	5 Nm (3.7 lbf ft)
Screw, combination switch, right	M5	5 Nm (3.7 lbf ft)
Screw, front turn signal bracket	M5	3.5 Nm (2.58 lbf ft)
Screw, fuel level sensor	M5	3 Nm (2.2 lbf ft)
Screw, fuel tank filler cap	M5	3 Nm (2.2 lbf ft)
Screw, fuel tank spoiler	M5	2.5 Nm (1.84 lbf ft)
Screw, fuse box support	M5	6 Nm (4.4 lbf ft)
Screw, headlight locking cap	M5	3.5 Nm (2.58 lbf ft)
Screw, heat protector on main silencer	M5	4 Nm (3 lbf ft)
Screw, injection valve	M5	4 Nm (3 lbf ft) **Loctite®243™**
Screw, intake trumpet	M5	6 Nm (4.4 lbf ft)

Screw, license plate holder on lower rear panel	M5	8 Nm (5.9 lbf ft)
Screw, radiator fan cover	M5	3.5 Nm (2.58 lbf ft)
Screw, rear turn signal bracket	M5	3.5 Nm (2.58 lbf ft)
Screw, trim	M5	3.5 Nm (2.58 lbf ft)
Screw, wiring harness holding bracket	M5	3.5 Nm (2.58 lbf ft)
Cable disk nut, exhaust valve control unit	M6	14 Nm (10.3 lbf ft)
Ground fitting on frame	M6	10 Nm (7.4 lbf ft)
Remaining nuts, chassis	M6	10 Nm (7.4 lbf ft)
Remaining screws, chassis	M6	10 Nm (7.4 lbf ft)
Screw, 6D sensor	M6	6 Nm (4.4 lbf ft)
Screw, ABS module fastening	M6	8 Nm (5.9 lbf ft)
Screw, ball joint of push rod on foot brake cylinder	M6	5 Nm (3.7 lbf ft) **Loctite®243™**
Screw, battery holder	M6	6 Nm (4.4 lbf ft)
Screw, battery terminal	M6	4.5 Nm (3.32 lbf ft)
Screw, cable on starter relay	M6	6 Nm (4.4 lbf ft)
Screw, clutch assembly	M6	5 Nm (3.7 lbf ft) **Loctite®243™**
Screw, cooler retaining bracket	M6	7 Nm (5.2 lbf ft)
Screw, engine sprocket cover	M6	8 Nm (5.9 lbf ft)
Screw, exhaust clamp on main silencer	M6	10 Nm (7.4 lbf ft)
Screw, foot brake cylinder	M6	10 Nm (7.4 lbf ft) **Loctite®243™**
Screw, front fuel tank	M6	8 Nm (5.9 lbf ft)
Screw, front wheel speed sensor	M6	4 Nm (3 lbf ft)
Screw, fuel pump	M6	6 Nm (4.4 lbf ft)
Screw, fuel tank bridge	M6	8 Nm (5.9 lbf ft)
Screw, fuel tank cover	M6	5 Nm (3.7 lbf ft)
Screw, fuel tank spoiler	M6	6 Nm (4.4 lbf ft)
Screw, handlebar end mirror	M6x35	13 Nm (9.6 lbf ft)
Screw, headlight on retaining bracket	M6	5 Nm (3.7 lbf ft)
Screw, heel guard	M6	12 Nm (8.9 lbf ft) **Loctite®243™**
Screw, instrument support	M6	2 Nm (1.5 lbf ft)
Screw, presilencer exhaust clamp	M6	10 Nm (7.4 lbf ft)
Screw, radiator bracket	M6	5 Nm (3.7 lbf ft)
Screw, radiator hose clip	M6	3 Nm (2.2 lbf ft)
Screw, rear wheel speed sensor	M6	4 Nm (3 lbf ft)
Screw, shift lever stub	M6	10 Nm (7.4 lbf ft) **Loctite®243™**
Screw, shift rod	M6	5 Nm (3.7 lbf ft) **Loctite®243™**

Screw, shift shaft deflector on shift shaft	M6	18 Nm (13.3 lbf ft) **Loctite®243™**
Screw, steering damper bracket on frame	M6	8 Nm (5.9 lbf ft) **Loctite®243™**
Screw, step plate for foot brake lever	M6	10 Nm (7.4 lbf ft) **Loctite®243™**
Screw, voltage regulator	M6	6 Nm (4.4 lbf ft)
Nut, exhaust valve throttle cable	M6x1	5 Nm (3.7 lbf ft)
Screw, footrest unit adjustment	M6x17	10 Nm (7.4 lbf ft) **Loctite®243™**
Cable disk nut, exhaust valve	M8	7 Nm (5.2 lbf ft)
Nut, rear sprocket	M8	36 Nm (26.6 lbf ft) **Loctite®243™**
Nut, shift rod	M8	12 Nm (8.9 lbf ft)
Nut, valve	M8	6 Nm (4.4 lbf ft) **Loctite®243™**
Remaining nuts, chassis	M8	25 Nm (18.4 lbf ft)
Remaining screws, chassis	M8	25 Nm (18.4 lbf ft)
Screw, axle clamp	M8	15 Nm (11.1 lbf ft)
Screw, bottom triple clamp	M8	15 Nm (11.1 lbf ft)
Screw, foot brake lever	M8	20 Nm (14.8 lbf ft) **Loctite®243™**
Screw, front brake disc	M8	28 Nm (20.7 lbf ft) **Loctite®2701™**
Screw, front rider footrest bracket	M8	25 Nm (18.4 lbf ft) **Loctite®243™**
Screw, handlebar clamp	M8	20 Nm (14.8 lbf ft)
Screw, ignition lock (tamper-proof screw)	M8	25 Nm (18.4 lbf ft)
Screw, passenger footrest unit	M8x25	25 Nm (18.4 lbf ft) **Loctite®243™**
Screw, passenger footrest unit	M8x35	25 Nm (18.4 lbf ft) **Loctite®243™**
Screw, rear brake caliper	M8	25 Nm (18.4 lbf ft) **Loctite®2701™**
Screw, rear brake disc	M8	28 Nm (20.7 lbf ft) **Loctite®243™**
Screw, shift lever on footrest support	M8	20 Nm (14.8 lbf ft) **Loctite®243™**
Screw, side stand bracket	M8	25 Nm (18.4 lbf ft) **Loctite®243™**
Screw, side stand spring	M8	15 Nm (11.1 lbf ft) **Loctite®2701™**
Screw, steering damper on holder	M8	8 Nm (5.9 lbf ft) **Loctite®243™**
Screw, steering damper on triple clamp	M8	8 Nm (5.9 lbf ft) **Loctite®243™**
Screw, steering stem clamp	M8	20 Nm (14.8 lbf ft) **Loctite®243™**

Screw, subframe	M8	35 Nm (25.8 lbf ft) **Loctite®243™**
Screw, subframe	M8	28 Nm (20.7 lbf ft) **Loctite®243™**
Screw, subframe brace	M8	25 Nm (18.4 lbf ft) **Loctite®243™**
Screw, subframe metal flange	M8	14 Nm (10.3 lbf ft) **Loctite®243™**
Screw, top triple clamp	M8	18 Nm (13.3 lbf ft)
Remaining nuts, chassis	M10	45 Nm (33.2 lbf ft)
Remaining screws, chassis	M10	45 Nm (33.2 lbf ft)
Screw, engine bearer	M10	45 Nm (33.2 lbf ft) **Loctite®243™**
Screw, front brake caliper	M10	45 Nm (33.2 lbf ft) **Loctite®243™**
Screw, handlebar support	M10	40 Nm (29.5 lbf ft) **Loctite®243™**
Screw, side stand	M10	40 Nm (29.5 lbf ft) **Loctite®243™**
Banjo bolt, brake line	M10x1	25 Nm (18.4 lbf ft)
Banjo bolt, brake line, connecting piece, rear	M10x1	25 Nm (18.4 lbf ft)
Nut, rear hub shock absorber carrier	M10x1.25	45 Nm (33.2 lbf ft) **Loctite®243™**
Screw, bottom shock absorber	M12	80 Nm (59 lbf ft) **Loctite®243™**
Screw, brake caliper support	M12	28 Nm (20.7 lbf ft)
Screw, side stand bracket	M12	80 Nm (59 lbf ft) **Loctite®243™**
Screw, top shock absorber	M12	80 Nm (59 lbf ft) **Loctite®243™**
Screw, triangular lever on link fork	M12	80 Nm (59 lbf ft) **Loctite®243™**
Lambda sensor	M12x1.25	24.5 Nm (18.07 lbf ft)
Screw, eccentric	M16	70 Nm (51.6 lbf ft)
Nut, fork pivot	M19x1.5	130 Nm (95.9 lbf ft) Thread greased
Screw, shock absorber support	M20x1.5	10 Nm (7.4 lbf ft) Thread and fitting greased
Screw, steering head, top	M20x1.5	12 Nm (8.9 lbf ft)
Nut, seat lock	M22x1.5	3 Nm (2.2 lbf ft)
Screw, front wheel spindle	M25x1.5	45 Nm (33.2 lbf ft) Thread greased
Nut, rear axle, shock absorber side	M35x1.5	200 Nm (147.5 lbf ft) **Loctite® 262™**/lock the locking wire with locking varnish
Nut, rear axle	M50x1.5	250 Nm (184.4 lbf ft) Thread greased/lock locking wire with locking varnish

Super unleaded (ROZ 95)

Standard/classification

– DIN EN 228 (ROZ 95)

Guideline

– Only use super unleaded fuel that matches or is equivalent to the specified standard.

– Fuel with an ethanol content of up to 10% (E10 fuel) is safe to use.

Info

Do **not** use fuel containing methanol (e.g., M15, M85, M100) or more than 10% ethanol (e.g., E15, E25, E85, E100).

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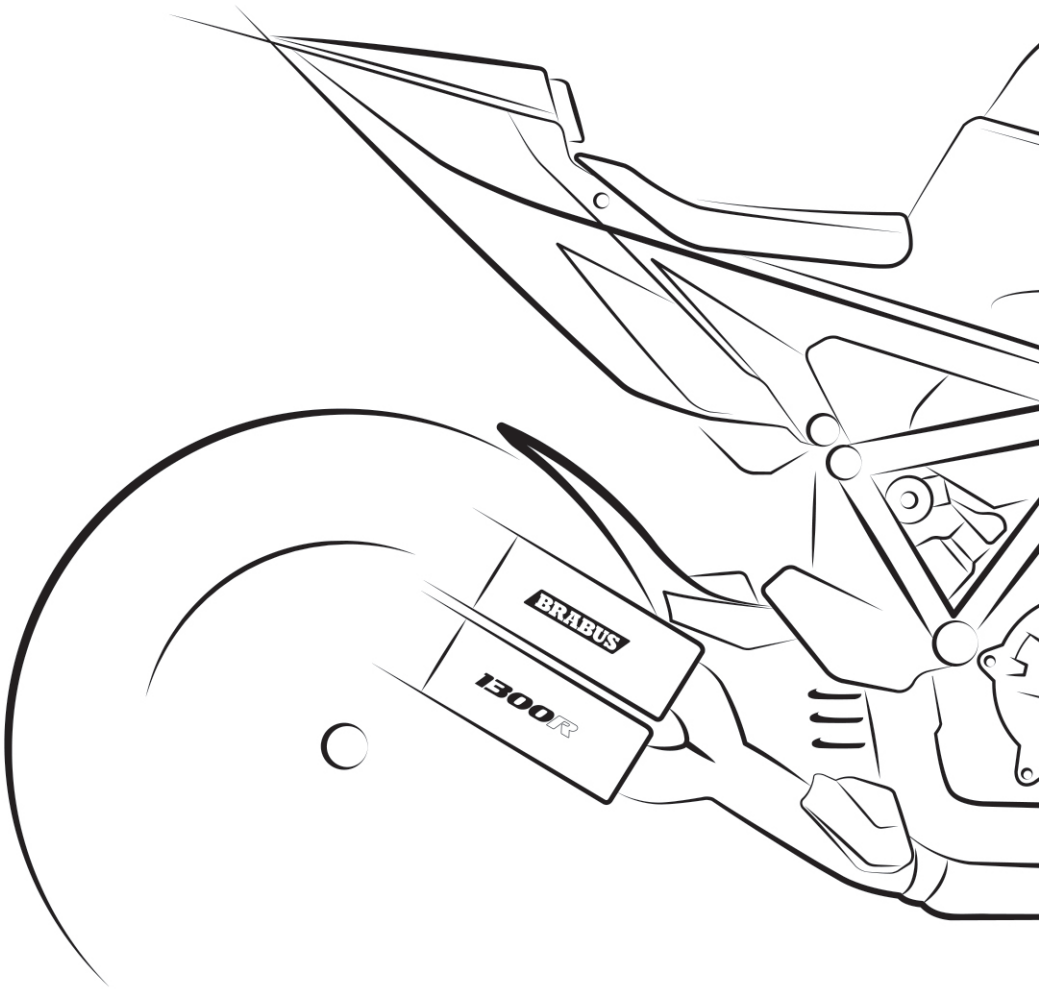

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Photo: BRABUS/Mitterbauer/KISKA/KTM