

OWNER MANUAL



www.emmo.ca

Toll Free: +1-888-217-1217

Email: service@emmo.ca

Find Emmo dealer near you:

<https://emmo.ca/pages/locations>

EMMO CAOFEN-F80



Important Information

Failure to observe the contents of the manual may lead to serious injury or death! This manual and its important information are marked as follows:

Riding Warning

-  For safety reasons, always wear protective gear that complies with legal regulations, such as helmets, boots, gloves, pants, and jackets with protective functions.
-  When use it on road, you should have the corresponding driver's license and comply with local laws and regulations.
-  People who are not suitable for driving motorcycles due to physical or psychological reasons are not allowed to drive motorcycles.
-  Individuals under the influence of alcohol, drugs, or medication are not allowed to drive motorcycles.
-  Individuals under the age of 16 are not allowed to drive this electric motorcycle.

This instruction manual contains important information, precautions, warnings and hazard notes for the use of the vehicle. The illustrations in the manual may differ slightly from the vehicle in detail, but the principles described are the same.

EMMO CAOFEN-F80 electric motorcycle has always maintained high-quality standards, due to the unremitting pursuit of product quality and the continuous indepth research and improvement of product design. The information provided may not be the same as your vehicle information without further notice.

For more detailed information about EMMO CAOFEN-F80 and the use and maintenance manual, please enter the EMMO official website: WWW.EMMO.CA ; or scan the EMMO official QR code on the last page.

Battery Charging & Safety Instructions

Warning

Failure to follow these instructions may result in serious injury, property damage, or fire hazard.

Charging Guidelines

- Charge the battery only with the original charger supplied with your e-bike.
- Use a dedicated 110V outlet for charging your battery.
- Never leave the battery or charger unattended while charging.
- Charge in a dry, well-ventilated area — DO NOT charge in the rain, snow, or humid environments.
- DO NOT cover the battery or charger, or place objects on top during charging.
- DO NOT charge for more than 12 hours at a time.
- After charging is complete, disconnect the charger from the power outlet first.

Storage & Handling

- Keep the battery away from children and pets.
- Keep away from water, heat sources, and open flames.
- DO NOT drop or subject the battery or charger to strong shocks.

If Something Abnormal Occurs

- In the unlikely event of a battery fire: NEVER use water to extinguish it — use large amounts of sand and call emergency services immediately.
- Disconnect the charger and battery immediately if you notice a strange smell, smoke, or if the charger/battery becomes unusually hot.
- Contact your dealer immediately if overheating or damage is observed.

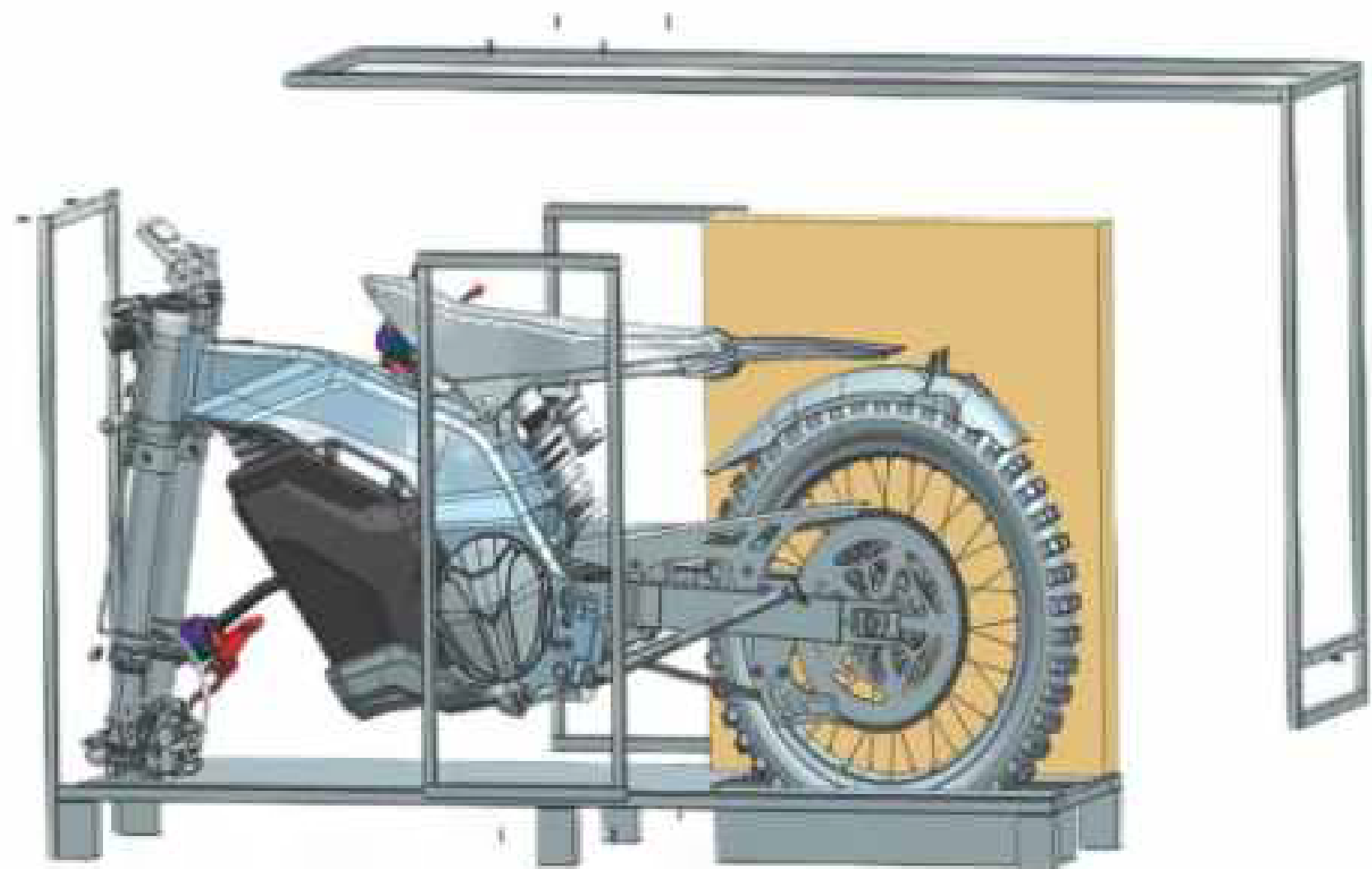
Prohibited Actions

- DO NOT open the battery pack yourself — contact your dealer for assistance.
- DO NOT submerge or allow the charger to be submerged in water or any liquid.
- DO NOT use the charger if:
 - The cord is frayed, has exposed wires, or shows damage.
 - The plastic housing or charging connector is cracked, broken, or significantly damaged.
- DO NOT use the battery or charger for purposes other than intended.
- Never connect the battery terminals directly to each other.
- DO NOT lift the battery by its connectors or cables.

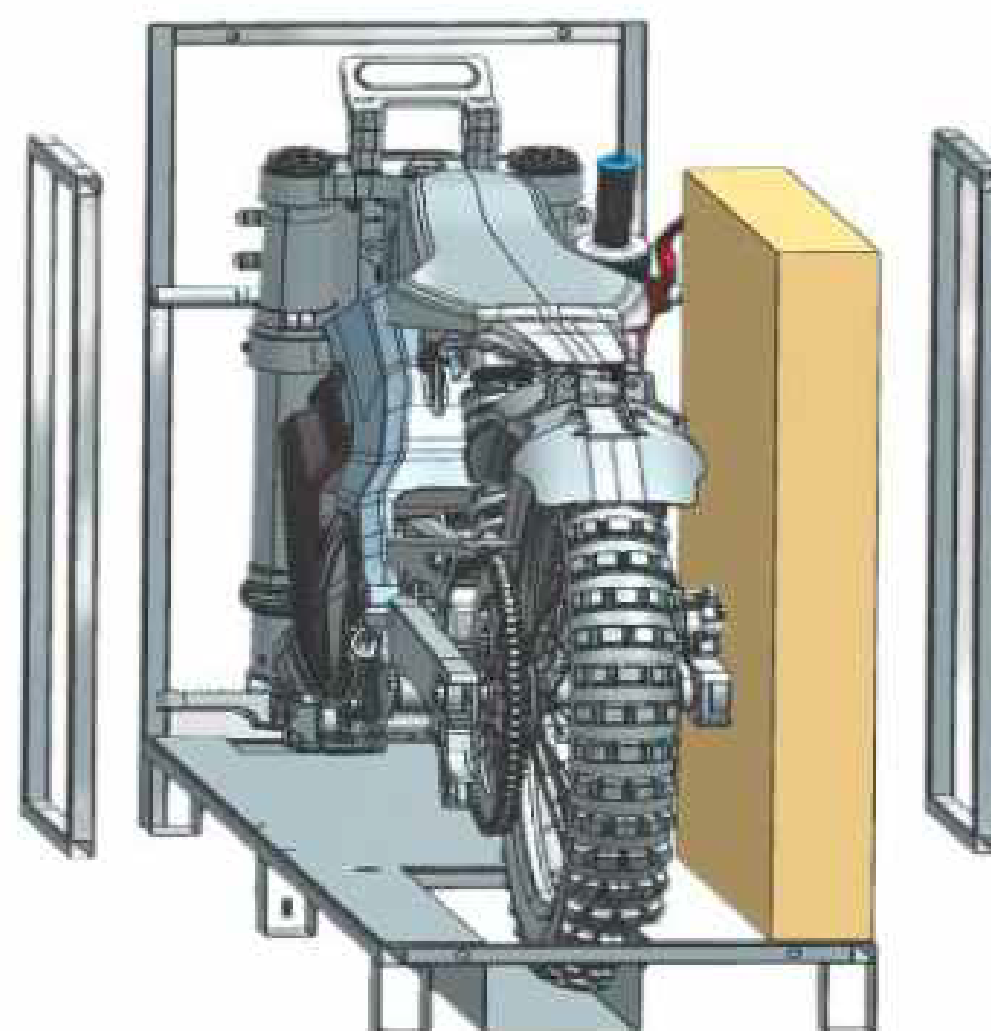
Unpacking / Scan the QR code for details

1. Remove the bolts with an M10 hex socket or M10 wrench.

Please check whether the outer packaging is complete, then shear the packing below and remove the packing carton.



2. Take out the front wheel box after removing the iron bracket.

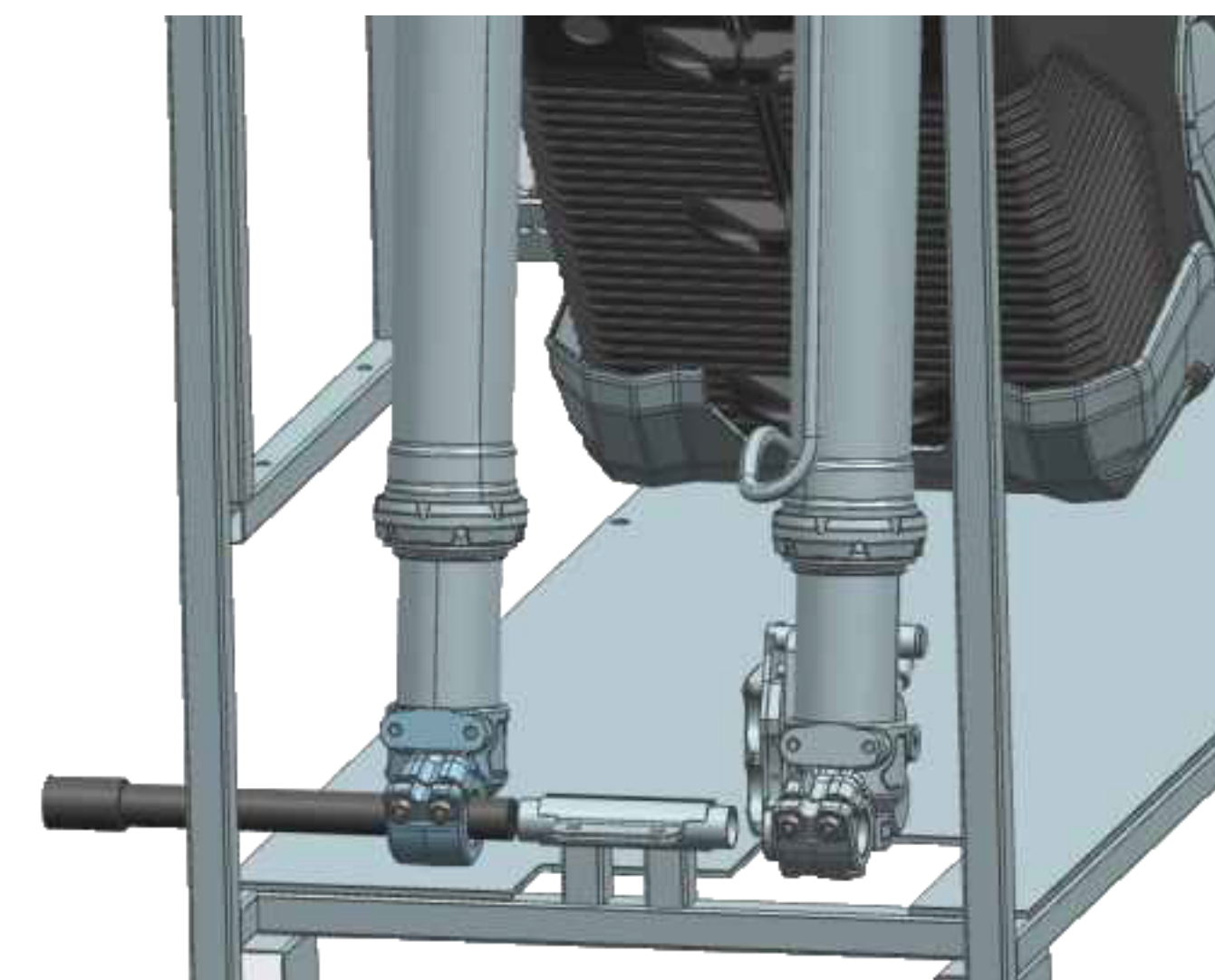


Assemble the bike

3. Install the handlebar.



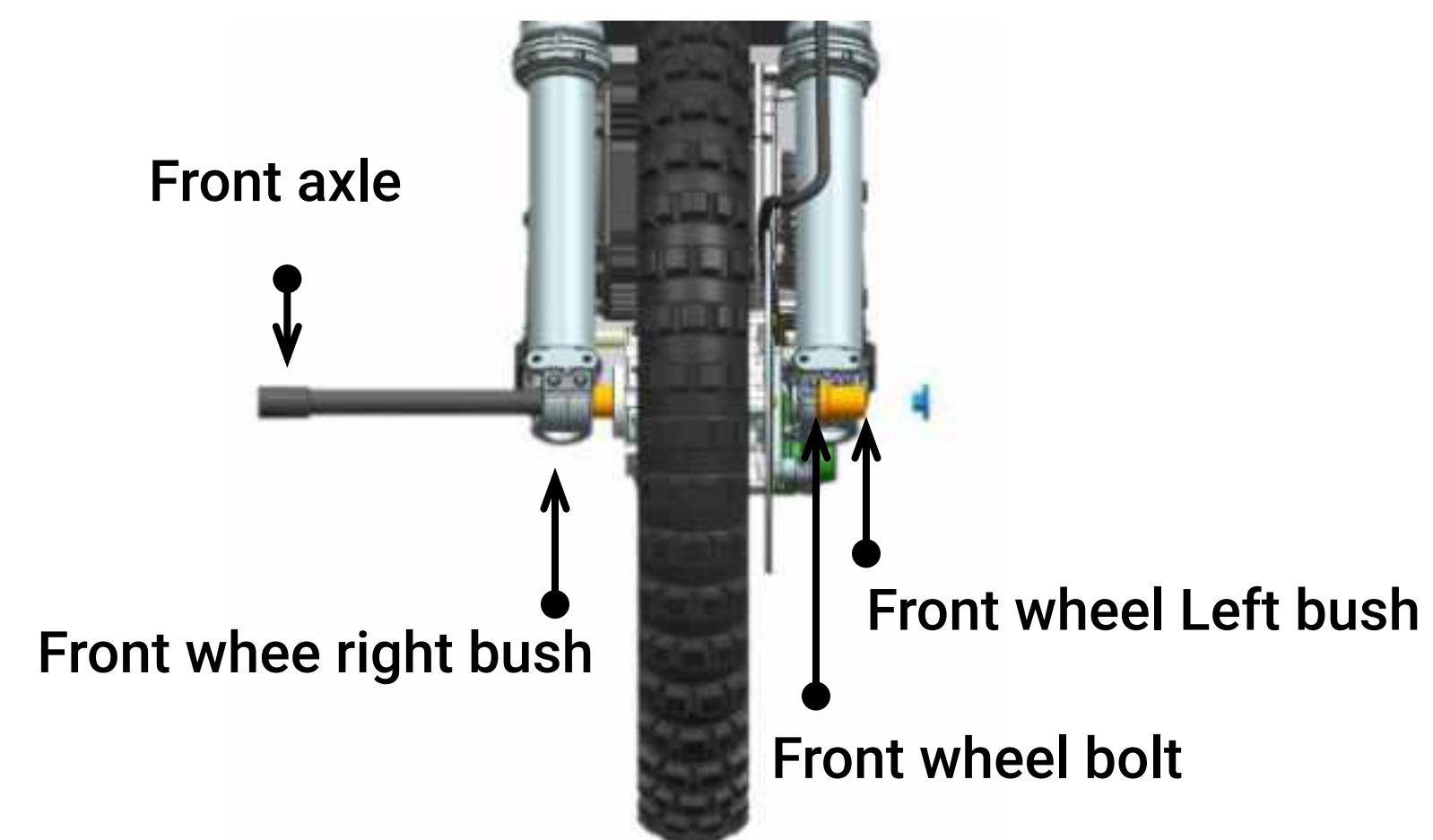
4. Pull out the front wheel axle connected to the tray.



Assemble the bike

5. Install front wheel rim.

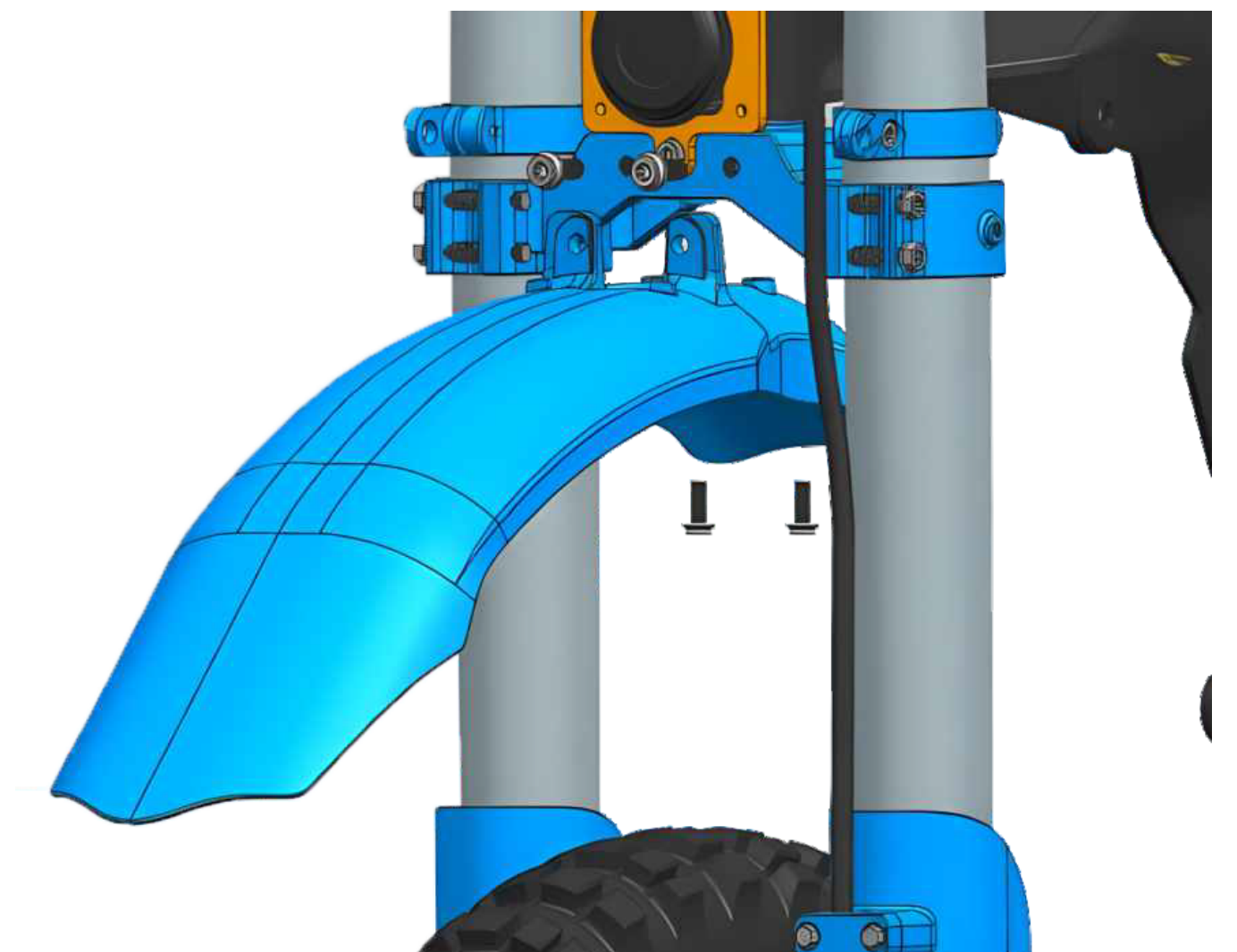
Take out the front wheel rim and the left and right liners from the accessory box, and assemble the front wheel as shown in the diagram.



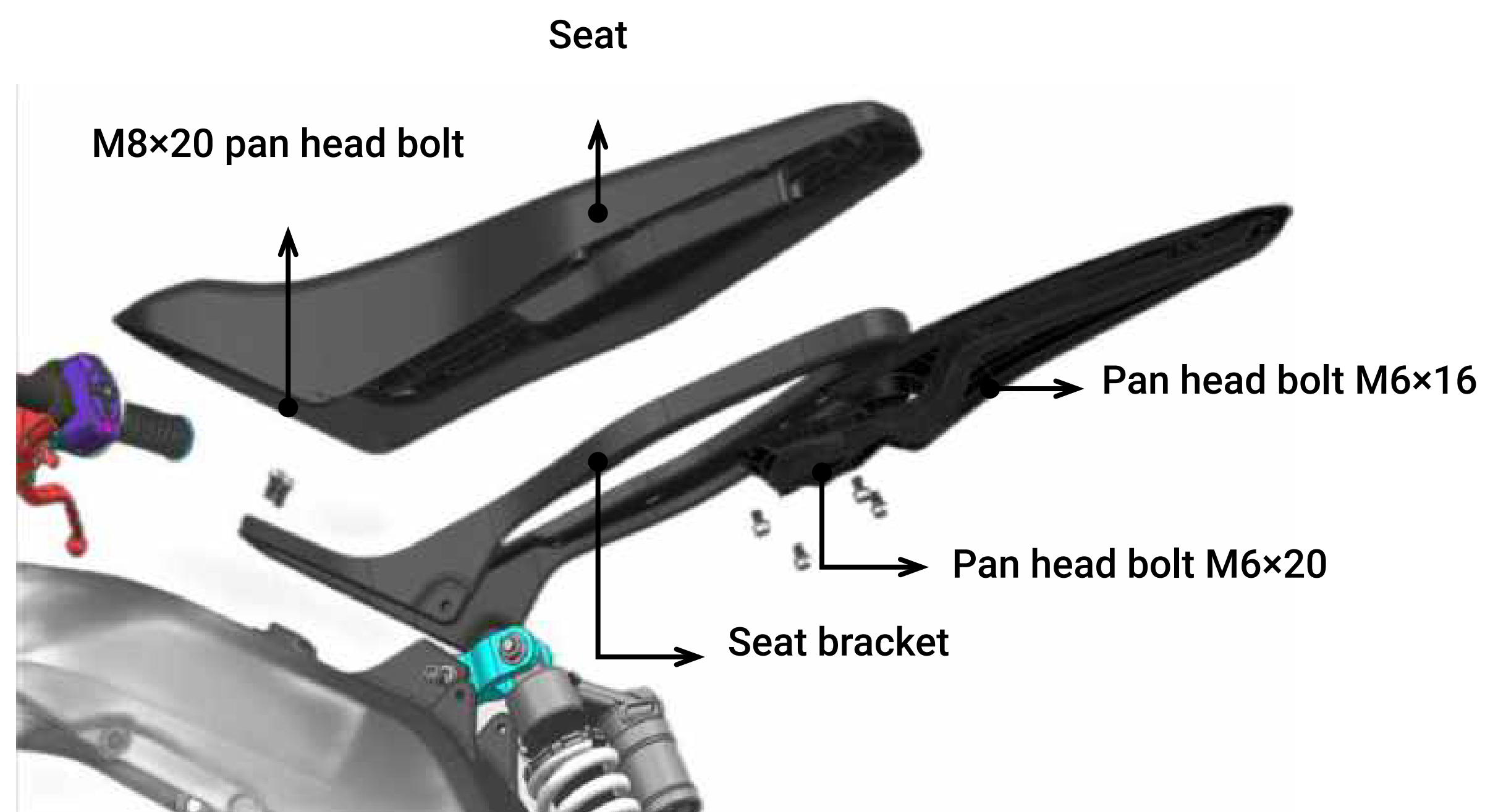
6. Install the front fender.



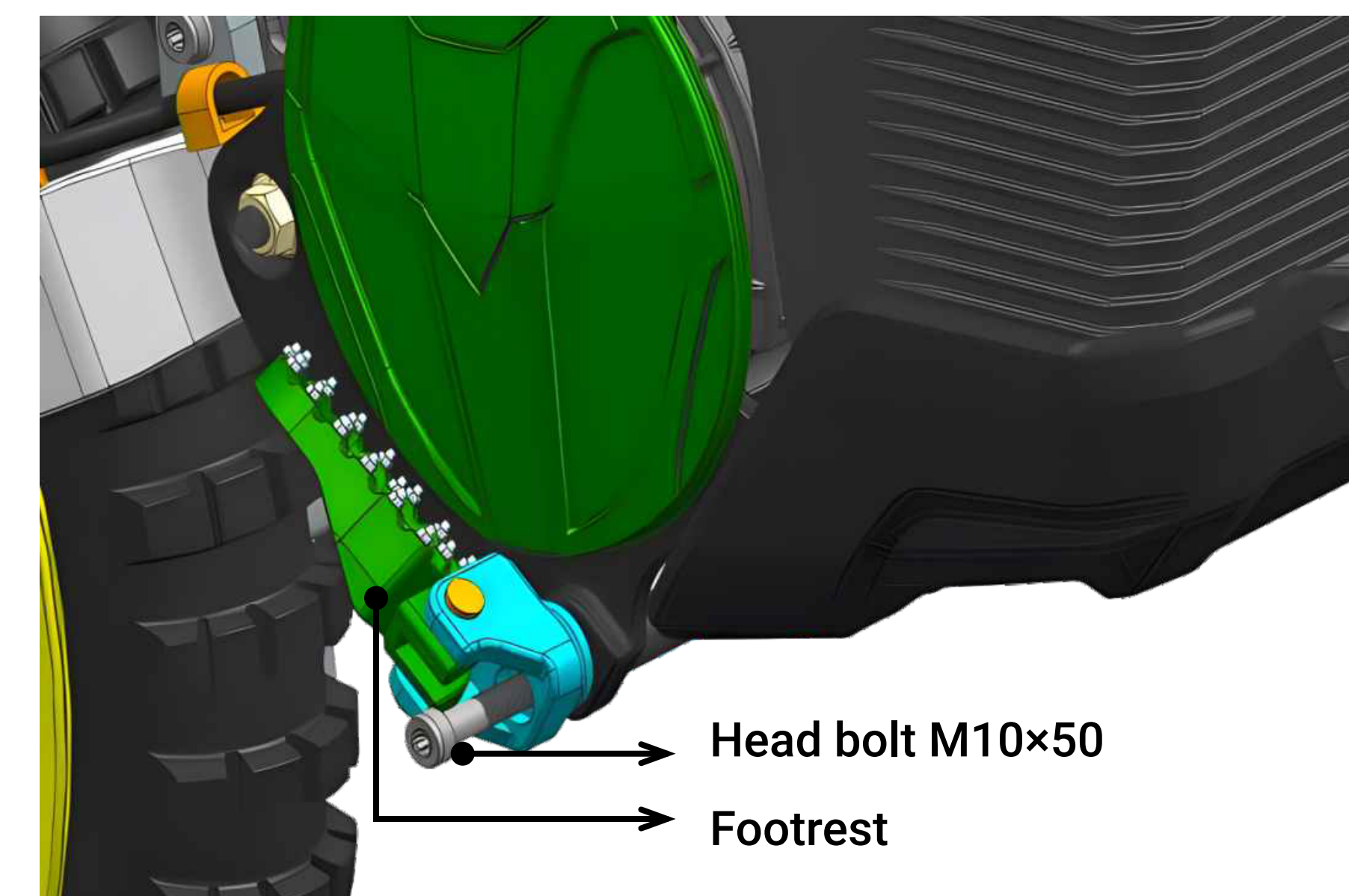
7. Install the front mudguard.



8. Install the seat and seat bracket.



9. Install the footrest.



Quick Start



- Wear the helmet correctly.



- Press the battery button.



- Press the button on the electronic control.



- Fold the side stand.



- After folding the side stand, the READY light is ON.



- Press the N/D button on the right handle to switch to D mode, twist the throttle, and the vehicle can go.

Right throttle control button Introduction



- Entertainment mode switch: Press and hold the switch upward for 3 seconds to turn this mode on and off.

E/S

Gear shift button: Cycle through gears 1, 2, and 3 with the button.



- Energy recovery indicator:
 1. Constantly on: Stage braking with energy recovery.
 2. Flashing: Release the accelerator in stages.

OFF

- Energy recovery is off.

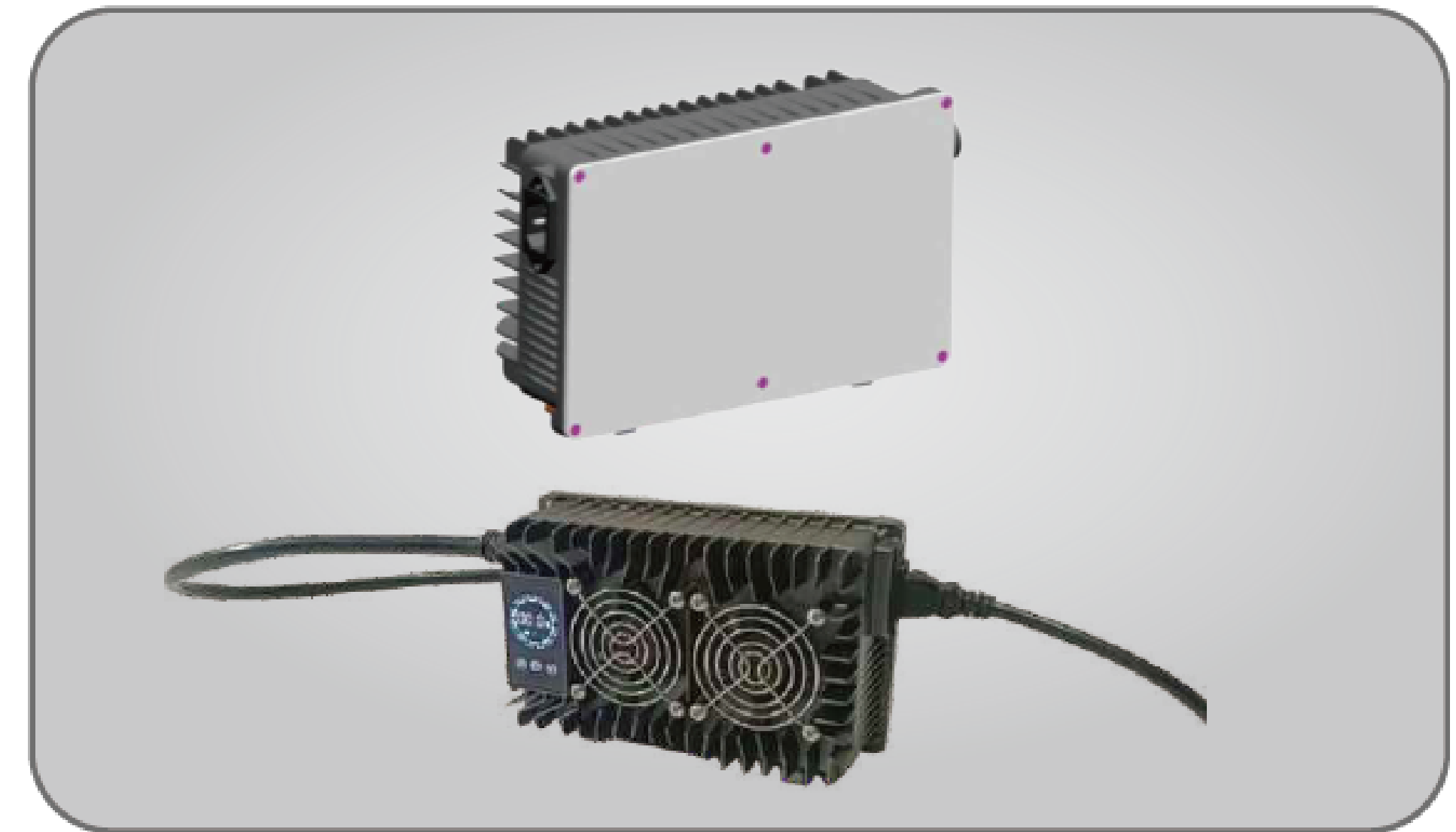
Charging Procedure

⚠ Warning

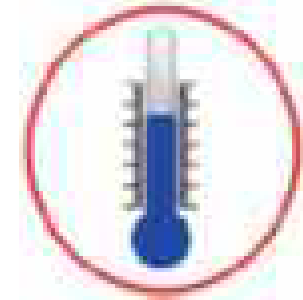
When the temperature is below 0°C, the battery system's low-temperature protection may be triggered. In this case, please charge the vehicle first, otherwise the vehicle may not be able to operate normally.

If the instrument panel displays a fault code  please refer to this manual to check the displayed fault code and contact the local dealer for assistance as soon as possible.

- Check the charger to ensure it is original and compatible with the battery.
- Turn on the battery power switch.
- Connect the charger output plug to the battery charging port (check if it is properly connected)
- Connect the charger's AC input terminal to an AC socket (input voltage AC110v-AC220v)
- Wait for 3-5 seconds for the charger indicator to flash and the fan to rotate, indicating that the charger has started charging. When the battery is fully, charged, the green light will flash.
- After the battery is fully charged, disconnect the power supply and then unplug the power plug.



Quick Start

	Please charge the battery with the original charger rather than other brands of chargers.
	Please charge the liquid-cooled battery at -40 °C to 50 °C . Please charge the lithium iron phosphate battery at -10 °C to 45 °C.
	Do not charge the battery for more than 8 hours, because ultra-long charging will affect the service life of the battery.

- It is unnecessary to fully charge the battery each time, but recharge it fully with a special charger every once in a while (the charger stops automatically, its indicator lights green for a longtime, and the SOC shown on the meter is 100%), making the battery system in good condition.
- The charging speed is fast in early stage while slowly in later stage, setting for safe charging.
- In winter, if the temperature is below 0℃, the charging time is longer than that at ideal temperature, which is a normal phenomenon. Please charge the battery at proper ambient temperature to ensure the charging effect.
- During charging, if the indicator is abnormal, the charger has peculiar smell or the charger shell is overheated, please immediately stop charging and repair or replace the charger. Do not disassemble or replace the internal components of the charger. When replacing the charger, the new charger should be made by the original manufacturer.

Warning

Charging must be done using the original manufacturer-matched charger. Connecting the charger to an AC power source is prohibited. Charging the battery in a confined space or high-temperature environment is strictly prohibited, as it may pose serious safety hazards.

		
• Store the motorcycle or battery in a dry, ventilated place. For liquid-cooled batteries, keep indoor temperature below 60°C. • For long-term storage, maintain 0–30℃. Temperatures above 40°C (60°C for liquid-cooled) may cause irreversible capacity loss.	• For long-term storage, keep the battery between 50%–80% charge. Recharge if needed, then turn off the battery switch before storing. • A gradual drop in displayed power during storage is normal due to self-discharge.	• New motorcycles should be charged for 0.5h before use to offset transport and production factors. • Charge the battery every 3 months, and always turn off the battery switch before storage.

Items	Procedures	Warning Notice
Side stand	It can be retracted normally and the Stop switch works normally.	• Improper spoke tightness will seriously affect driving safety,so it shall be checked regularly. • Make sure that your motorcycle is in a safe state before each operation.
Horn	It works normally.	
Light	High beam, daytime running lamp, tail lamp, brake lamp, turn signal and license plate lamp can light up normally.	

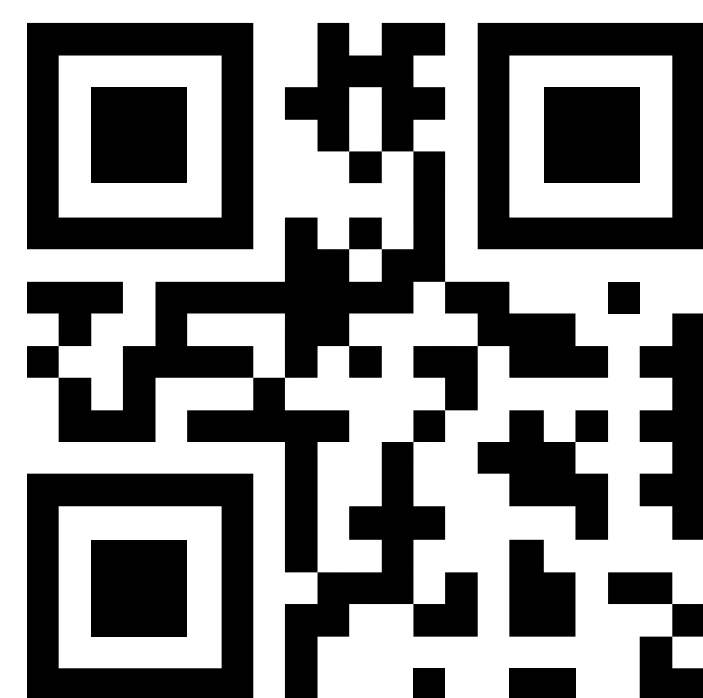
Troubleshooting

Fault Phenomenon	Possible Causes	Solutions
The battery switch cannot be pressed down because it is turned off by bounce -back immediately after it is turned on.	1. Silt may be in the switch. 2. The battery system shuts down automatically for protection.	• Rinse switch gently with clean water until it presses smoothly. • Update battery management software.
After the battery is turned on, the motorcycle is not powered on.	1. The power switch is not turned on; 2. The remote control of steering lock is out of its control range. 3. Remote control panel damaged. 4. Steering lock controller damaged. 5. 72V fuse burned. 6. Steering lock faulty.	• Turn battery switch on again. • Replace steering lock controller. • Replace 5A fuse on 72V output circuit. • Check steering lock connector (loose/reversed) and replace if faulty.
Turn on the battery switch,rotate the throttle grip, but the motor is not started (no fault code is shown on the meter)	1. Not started using the correct procedure. 2. The motorcycle is in braking state; 3. The right throttle grip is faulty or damaged.	• Restart using correct procedure. • If brake indicator stays on, adjust brake switch outward until light turns off. • Rotate throttle back to zero; if unresponsive, replace right throttle grip.
The travel distance is insufficient	1. The battery is not fully charged; 2. The tire pressure is insufficient; 3. The motorcycle is braked and started frequently; 4. The motorcycle is overloaded; 5. The battery is attenuated normally; 6. The ambient temperature is too low and the battery discharge capacity decreases.	• Check charger use and condition. • Ensure tire pressure suits road conditions. • Maintain good riding habits. • Battery attenuation is normal; replace with new battery if needed (via CAOFEN dealer).



Notice

For more information and maintenance manual of EMMO CAOFEEN-F80 please visit EMMO website at emmo.ca or scan the below QR code to learn more!



EMMO E-Bike are subject to continuous development of structure, equipment, and accessories to ensure compliance with evolving safety and quality standards. Consequently, the contents of this manual may differ from the actual vehicle. EMMO reserves the right to make corrections, and no data, figures, or descriptions contained herein shall constitute grounds for any claims.

