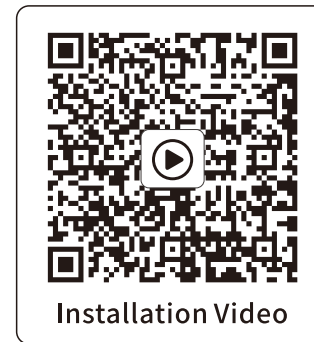
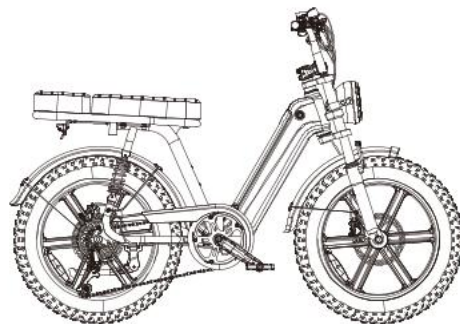


V1.11.24



User Manual

R7 Electric Bicycle



R7

Thank you for purchasing R7 Ebike.

We are so proud to provide you with a quality product that will be enjoyed for many years to come. Before assembling and riding your Ebike, please ensure that you read and understand this manual completely.

Vielen Dank für den Kauf des E-Bikes R7.

Wir sind sehr stolz darauf, Ihnen ein Qualitätsprodukt zu bieten, das Sie viele Jahre lang genießen werden. Bevor Sie Ihr Ebike montieren und fahren, stellen Sie bitte sicher, dass Sie dieses Handbuch vollständig lesen und verstehen.

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USING THIS MANUAL

This contains information about the product, its equipment, as well as instructions for its operation and maintenance. To ensure safe use and prevent accidents, make sure you read the manual carefully and familiarize yourself with the ebike before using it. There are many warnings and cautions in this manual regarding the safe operation of the machine and the consequences in the event of improper setup, operation, and maintenance. If you have any questions about the information in this manual, you should contact us immediately.

Notes, warnings, and cautions contained in the manual and the paragraphs marked with the triangle Caution Symbol at the left should be read carefully. Attention should also be paid to the information beginning with NOTICE in this manual.

Keep this manual, along with any other documents you received with your Ebike, for future reference, but the content may change at any time without notice. We make every effort to ensure the accuracy of its documentation and will not be held liable for any errors or omissions contained therein.

Considering the difficulties of anticipating every situation or condition that may arise when riding, this manual cannot make any guarantees about the safe use of ebikes under all conditions. Risks associated with using any Ebike cannot be predicted or avoided and are solely the responsibility of the rider.

GENERAL SAFETY

INSTRUCTIONS PERTAINING TO RISK OF FIRE or ELECTRIC SHOCK

VITAL SAFETY INSTRUCTIONS

WARNING! Basic precautions should always be followed when using this product, including:

- Read the instructions before use.
- When the product is used near children, close supervision is necessary to reduce the risk of injury.
- Do not put fingers or hands into the product.
- Do not use this product if the flexible power cord or output cable is frayed, has cracked insulation, or shows other signs of damage.
- The equipment should not be used at temperatures below -4°F (-20°C) or above 149°F (65°C).
- The battery should be charged at temperatures between 32°F (0°C) and 86°F (30°C). Do not charge the battery at temperatures outside of this range.

WARNING! It is your responsibility to comply with all traffic laws and to use the proper equipment. This includes wearing the proper clothing and maintaining your Ebike.

Comply with all local ebikes traffic laws and regulations.

Be sure to obey local laws regarding ebikes lighting, ebikes licensing, ebikes path and trail use, helmet laws, child cycling laws, and special ebikes traffic laws. It is your responsibility to know and obey your local laws.

- Always wear a properly fitted helmet that covers your forehead when riding a Ebike. Specific safety devices are required in many locations. You are responsible for familiarizing yourself with the local laws, rules, and regulations where you ride, including equipping yourself and your Ebike accordingly.
- A rider's weight and luggage should not exceed 450 lbs / 204 kg unless otherwise stated.
- Before you ride your Ebike, always check to make sure everything is working properly and correctly aligned.
- Become familiar with your ebike's controls, such as brakes, pedals, shifting, etc.
- When pedaling, keep all body parts and obtrusive objects clear of the sharp chain rings. Wear proper clothing to prevent injury.
- While riding, remember you are sharing the road or path with others. i.e. motorists, pedestrians and other cyclists.
- Always ride defensively. Assume others don't see you and expect the unexpected.
- Always be aware of your surroundings. Be alert and responsive to:

- Motor vehicles of all kinds and from all directions.
- Unexpected movements of obstacles.
- Nearby pedestrians.
- Children and animals in the area.
- Imperfections on Ebike paths or paved roads such as potholes, uneven surfaces, loose gravel construction, and debris.
- Warnings, hazards, and yield signs.

- Make use of designated Ebike lanes when available, and ride traffic-directed.
- Always stop at stop signs and traffic lights.
- Before continuing on, look both ways at street intersections after coming to a complete stop.
- Use official hand signals when turning or stopping.
- Do not wear headphones while riding.
- Don't hold onto another vehicle.
- Avoid weaving through traffic or making sudden movements or turns.
- Cyclists are subject to the same right-of-way rules as motorists. A bicyclist should always be prepared to yield.
- Never ride under the influence of alcohol or drugs.
- Avoid riding in bad weather when visibility is obscured, for example, at dawn, dusk, or at night. Such conditions increase the risk of an accident.

Wet Weather

It is recommended to not ride in wet weather if avoidable. Ride in wet weather only if necessary.

Using an Ebike in heavy rain or in streams is not recommended. Do not immerse or submerge this product in water or liquid as the electrical system could be damaged.

- Use this ebike with caution in wet weather.
- Decrease your speed in slippery conditions to help you control the Ebike.
- It takes longer to slow down and come to a stop in wet conditions than in dry conditions.
- Make sure you are visible to others on the road. Wear reflective clothes and use approved safety lights.
- In the rain, road hazards are harder to see; take caution.

NIGHT RIDING

When riding at night, cyclists should exercise extra caution. Night riding can be more dangerous than riding in the daylight for bicyclists because motorists and pedestrians have a difficult time seeing them.

Those who are aware of the increased risks should take extra precaution when riding at dusk, at night, or when drawing. It is important to wear appropriate gear and use specialized equipment when riding in unfavorable conditions to reduce the risk of injury.

Warning! Do not rely on reflectors as a substitute for illumination. If the necessary lights and reflective gear aren't used, cyclists are virtually invisible to other cyclists and motorists. Be sure to use reflectors and lights to make yourself visible if you're riding at night. Insufficient lighting can lead to serious injury or death. As a moving cyclist, reflectors are designed to reflect off of car and street lights to help you become more visible and recognizable when riding.

Caution! Regularly inspect the reflectors and mounting brackets of your reflectors to ensure they are straight, secure, and clean. Make sure you comply with all local laws regarding night riding. The following are recommended.

- Wear light-colored, reflective clothing and accessories to enhance your visibility. There are plenty of suitable reflective clothing options available: Vests, armbands, leg bands, stripes on your helmet, and blinker attached to your body and or ebikes.
- Make sure that your clothing or miscellaneous items do not obstruct your reflectors and lights
- Make sure that your ebikes is equipped with reflectors for riding at dawn, dusk or at night.
- Always ride slowly when riding at night.

Assembly and Fit

It is essential that your Ebike is assembled and fitted correctly in order to ensure your safety, performance, and comfort. Even if you have the experience, skills, and tools to complete these essential steps before your first ride, we recommends having a certified, reputable Ebike mechanic check your work.

NOTICE: In case you do not have the necessary experience, skill, or tools to complete assembly and fit, we strongly recommends that you have a certified, reputable Ebike mechanic complete these procedures as well as any subsequent adjustments or tuning.

NOTICE: During the assembling process, it is critical to secure the front wheel and check the tightness of the axle nuts on the rear wheel. Our ebikes have quick release front wheel mounting mechanisms and bolt-on rear wheels. These mechanisms can become loose or unsecured during shipping or over time. Inspect the torque and security of all wheel mounting hardware upon arrival and periodically thereafter. Both wheels need to be properly secured before operating your Ebike.

Mandatory Equipment and Use Locations

Make sure you have all of the required and recommended safety equipment and follow all laws regarding the use of an ebike in your area before riding. For example, these laws may specify the need for mandatory equipment, use of hand signals, and where you can ride.

Replacing Components or Attaching Accessories

By using parts or components that are not original, you can jeopardize the safety of your Ebike, void your warranty, and in some cases, make your Ebike in violation of the law.



You are solely responsible for the replacement of original components or the installation of third-party accessories not specifically recommended for your Ebike model by us. It may void your warranty, create an unsafe riding condition, cause damage to property or your Ebike by TST GRP LLC , or result in serious injury or death if you use aftermarket accessories or components that have not been tested for safety and compatibility by TST GRP LLC.

Safety Check Before Each Ride

Check the condition of your Ebike before riding it, in addition to having regular maintenance performed on it. You should consult a certified, reputable Ebike mechanic if you are unsure how to conduct a comprehensive check before every ride.

Electrical System

Your ebike's electrical system powers several components that control different operating conditions and user preferences. It is critical that you become familiar with all aspects of your ebike's electrical system and make sure it is working before each ride. The front and rear brake levers contain power cutoff switches that disable the hub motor's assistance when applied, and both should be checked for proper operation. If your brake lever cutoff switch, pedal assist, or lighting is faulty, intermittent, or not working properly, please stop using your e-bike and contact us.

Brakes

Ensure that the brakes and their system components are free from damage and are working properly. The front and rear brake levers should not touch the handlebar when fully squeezed. If you notice a problem with your Ebike's brakes, have them repaired by a certified, reputable Ebike mechanic.

Tires and Wheels

If your wheels wobble side to side or up and down when you spin them, they must be repaired or replaced. If your wheels become untrue or your spokes loosen due to normal use, we recommend that you have a certified, reputable Ebike mechanic perform wheel tuning and truing operations on your Ebike. Unless you have adequate knowledge, tools, and experience, do not attempt to true wheels or tighten spokes. Ensure that the tires and inner tubes are in good working condition and have the proper air pressure. Always replace tires and inner tubes with punctures, cuts, or damage before riding. Incorrectly inflated tires can decrease performance, increase tire and component wear, and make riding your Ebike unsafe.

Accessories, Straps, and Hardware

Make sure all hardware and approved accessories are properly attached according to instructions provided by the component manufacturer. It is a good idea to check overall hardware, straps, and accessories before each ride. If you discover anything amiss or something you're not sure about, have it checked by a certified, reputable Ebike mechanic.

Handlebar, Grips, and Seat Adjustments

Make sure the handlebars and handlebar stem are aligned properly, fitted to the user, and torqued to their recommended values. Make sure the handlebar grips are not loose on the handlebar end. If your handlebar grips are loose, worn, or damaged, you should replace them before you ride. Before riding, the seat and seat post should be properly aligned, fitted to the user, and the seat post quick release should be properly tightened, closed, and secured.

Battery Charged, Secured, and Unplugged

Make sure the battery is adequately charged and operating properly. Before you ride, ensure the battery charger is unplugged from the outlet, and the battery is stored in a safe place. The battery must be locked securely to the frame battery mount before you ride. If the battery is removed, don't operate the electrical system. Make sure you push hard enough when installing the battery into the frame, and hear the "CLICK" sound.

CHARGER SAFETY INFORMATION

- You should only use the charger indoors, in a cool, dry, ventilated area, on a flat, stable, hard surface.
- Avoid contacting the charger with liquids, dirt, or metal objects. Do not cover the charger while it is in use.
- Place the charger in a safe place away from children.
- A fully charged battery can help extend the life of the battery and reduce the chance of over discharging.
- The battery should not be charged with any charger other than the one originally supplied with our ebike or a charger designed specifically for your ebike, purchased directly from our ebike.
- This charger works on 110;240V 50;60 Hz standard home AC outlets and automatically detects and accounts for incoming voltage. It should not be opened or modified in any way.
- The cables should not be pulled or yanked. Carefully unplug both the AC and DC cables by pulling on the plastic plugs directly, and not on the cables themselves.
- The charger is expected to become relatively warm during charging. If the charger becomes too hot to touch, emits a strange odor, or shows any other signs of overheating, please stop using the charger and contact our support team.



Only use the charger that originally came with our e-bike. Never use an aftermarket charger as damage, serious injury, or death may result.



When charging your e-bike, carefully follow the instructions and safety information in this manual. Failure to follow proper charging procedures may result in damage to your e-bike, charger, or personal property, or even serious injury or death.



To ensure safety, please use our chargers. We cannot be held responsible for any issues or consequences arising from the use of chargers that are not authorized by us.

General Operating Rules

Attention: Before you use our electric bicycle, please ensure you pay attention to all the general operating rules below.

- Be sure to obey the same road laws as all other road vehicles in your area.
- To learn more about traffic/vehicle laws in your area, contact the local road traffic authority.
- Ride predictably, in a straight line, and according to traffic flow. Never ride against traffic.
- Use the correct hand signals when turning.
- Ride defensively; you may be hard to see to other drivers.
- Concentrate on the road ahead. Avoid potholes, gravel, wet or oily roads, wet leaves, curbs, train tracks, speed bumps, drain gates, thorns, broken glass, and other obstacles, hazards, and puncture flat risks.
- Cross train tracks at 90-degree angles or walk your Ebike across.

- Expect the unexpected, such as opening car doors or backing out of driveways.
- Be careful at intersections and when passing other vehicles or cyclists.
- Before riding in more dangerous conditions, please familiarize yourself with the features and operation of the electric bicycle. Practice and become proficient at shifting gears, braking, and using the pedal assist system in a controlled environment.
- Wear proper riding apparel and close-toed footwear. If you are wearing loose pants, use leg clips or elastic bands to prevent them from getting caught in the gears or chain. Do not use items that may restrict your hearing.
- Be sure to check your local rules and regulations before carrying cargo.
- When braking, use the rear brake first, then the front brake. When brakes are not applied correctly, they may lock up and lead to you losing control and/or falling.
- Keep a comfortable distance from other objects, riders, and vehicles. Safe braking distances are based on factors such as road surface and light conditions among other variable.

Safety Notes

Listed below are safety notes to help you operate your Ebike safely. Please review them carefully. Failure to review these notes can lead to serious injury or death.

- Users must read and understand this manual before riding an Ebike. There may also be manuals for components on the Ebike, which should be read before installation or use using those components.
- Make sure you understand all instructions and safety warnings.
- Before you start riding, make sure the Ebike fits you properly. Too large or too small a Ebike may cause you to lose control or fall.
- Wear an approved ebikes helmet whenever you ride a Ebike and follow all instructions from the helmet manufacturer regarding fit and care of your helmet. Failure to wear a helmet when riding may result in serious injury or death.
- Check your Ebike's setup, tightening, and torque to recommended torque values before you use it, and regularly check the condition and tightness of components and hardware.
- In the area(s) in which you ride, it is your responsibility to familiarize yourself with the laws and requirements of operating this product.
- Ensure the handlebar grips are in good condition and properly installed. Loose or damaged grips can cause you to lose control and fall.
- This product must not be used with standard e-bike trailers, stands, vehicle racks or accessories that have not been tested by us for safety and compatibility and have not been proven safe or compatible.
- In addition to requiring special skills, off-road riding has a variety of conditions and hazards. Wear appropriate safety gear and do not ride alone in remote areas. Check local rules and regulations about whether off-road ebike riding is allowed.
- DO NOT ENGAGE IN EXTREME RIDING. This includes, but is not limited to, jumps, stunts, and any kind of riding that is beyond your capabilities. Although many articles/advertisements/catalogs depict extreme riding, this is not recommended nor permitted, and you can be seriously injured or killed if you perform extreme riding.
- There are limitations to the strength and integrity of ebikes and Ebike parts, and extreme riding, such as but not limited to jumps, stunts, etc. can cause damage to Ebike components and/or cause or lead to dangerous riding situations, in which you may be seriously injured or killed.

- A failure to perform and verify proper installation of a component or accessory, its compatibility, its operation, or its maintenance can result in serious injury or death.
- You must consider your Ebike unsafe to ride until you consult a certified, reputable Ebike mechanic for a thorough inspection of all components, functions, and operations.
- You may void your warranty if you fail to charge, store, or use your battery correctly.
- Each time you ride, you should make sure the brake motor cutoff switches are working properly. The brake system is equipped with an inhibitor that cuts off power to the electric motor whenever the brakes are squeezed. Check proper operation of brake motor cutoff switches before riding.
- The pedal assist sensor on this product should be used with extreme caution. Make sure you understand and are prepared to engage pedal assist as soon as you pedal.
- Before using an electric bicycle, users must understand how the pedal assist device works and must choose an appropriate speed based on the area of use, riding conditions, and their level of experience. Until you are familiar with the electric bicycle and confident in controlling the power, always use the lowest assist level.
- Any after-sales changes to your e-bike without our express approval may void your warranty and create an unsafe riding experience.
- The fact that electric ebikes are heavier and faster than regular ebikes requires extra caution and care while riding.
- When riding in wet conditions, you should slow down and increase braking distances. Feet or hands can slip in wet conditions and lead to serious injury or death.
- Do not remove reflectors.

General Warnings

Bicycling, like any sport, carries risk of damage, injury, and death. As you choose to ride a Ebike, you assume that risk, so you need to know, and practice, the rules of safe and responsible riding as well as how to use and maintain the Ebike properly. The proper use and maintenance of your Ebike reduces the risk of damage, injury, and death. Do not combine biking with controlled substances. Never operate a Ebike while under the influence of alcohol, drugs, or any substance that could impair motor functions, judgment, or your ability to handle a Ebike or other vehicle safely.

R7 is designed for use by persons aged 18 and older. In order to ride safely, riders must have the physical condition, reaction time, and mental capability to manage traffic, road conditions, and sudden situations, as well as respect the laws governing the use of electric ebikes in the location they ride, no matter how old they are. Consult your physician before riding any ebikes if you suffer from an impairment or disability such as a visual impairment, hearing impairment, physical impairment, cognitive impairment or seizure disorder.

A Note for Parents and Guardians

You are responsible for the activities and safety of your child as a parent or guardian. Children under the age of 18 should not use R7. If you are transporting a child in a child safety seat, they should also be wearing a properly fitted and approved helmet.

WARNING! We assume no responsibility for accidents, injuries, or product failure resulting from unauthorized modification or tampering with any part of the original specifications.

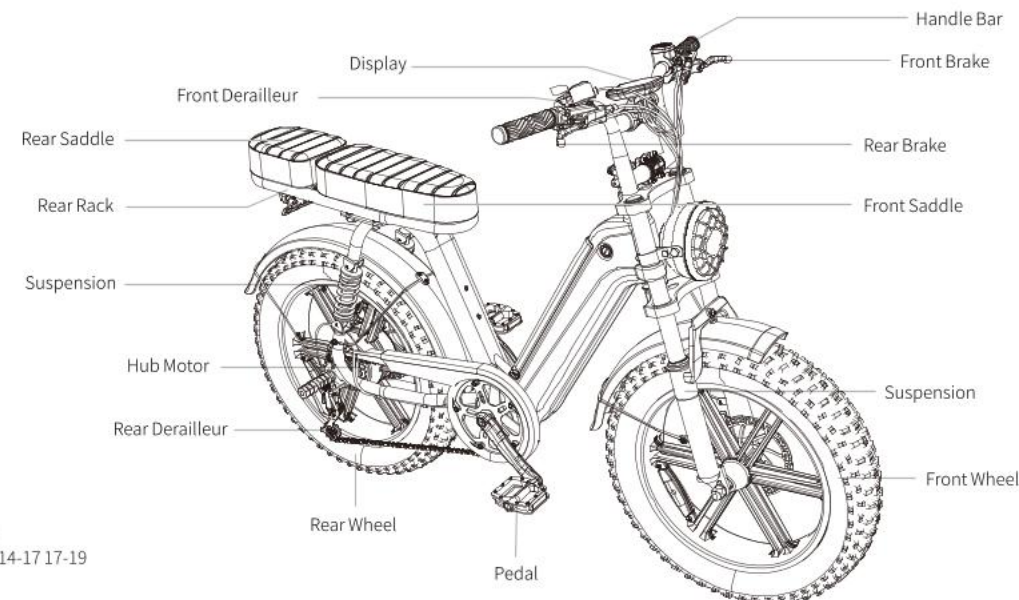
SAVE THESE INSTRUCTIONS

SPECIFICATIONS

Model Name	R7
Max.load Capacity	450 lbs / 204 kg
Max.Speed	25 Km/H (15.5 Mph)
Motor	250 W
Battery	48 V 15AH (720 Wh)
Wheel Size	20*4"
Tire Pressure	Max 20 PSI
Light	Front·Rear
Charger	54.6V 2.0A
Charging Time	7 Hours
Water Resistance	IPX5
Weight	82.67 lbs / 37.5 kg

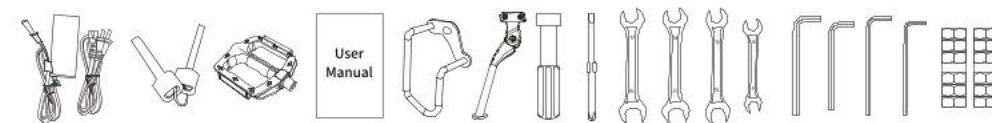
* Range Per Charge is measured under the conditions that power is sunt, with a 75kg load, at 86°F(30°C), 70% humidity, on a level road, in pure electric riding mode. The results may vary depending on the temperature, load, wind speed, road conditions, and other factors.

INSTALLATION INSTRUCTION



WHAT' S IN THE BOX

- 1* Charger
- 1* Charger cable
- 1* Screwdriver
- 4* Hex keys 3/4/5/6mm
- 3* Wrenches 8-10 13-15 14-17 17-19
- 1* Owner's manual
- 1* Left pedal
- 1* Right pedal
- 1* Rear Rack
- 1* Rear Derailleur Guard Rack Protector
- 1* Spare screw (bag)
- 2* Rear Foot Pegs



Note: The following steps are only intended to assist you in assembling your ebike; they are not intended to be a complete or comprehensive guide to assembly, maintenance, and repair. If you need assistance with assembly, repair, and maintenance of your ebike, contact a reputable, certified Ebike mechanic.

Step 1. Unpack the Ebike.

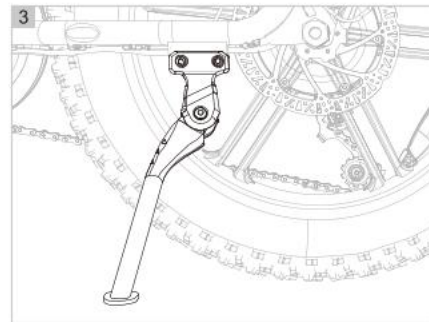
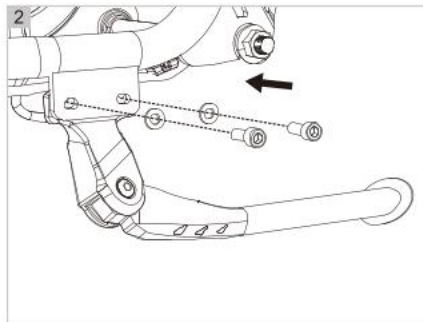
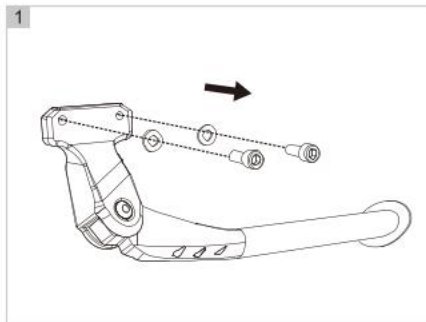
Open the box, take the front wheel out. Remove the E-Bike from the Ebike box with another person's assistance who is capable of lifting a heavy object safely. Remove the packaging material protecting the Ebike frame and components. Please recycle packaging materials especially cardboard and foam whenever possible.

Take out the kickstand, a small box of charger, and the big box of tools.

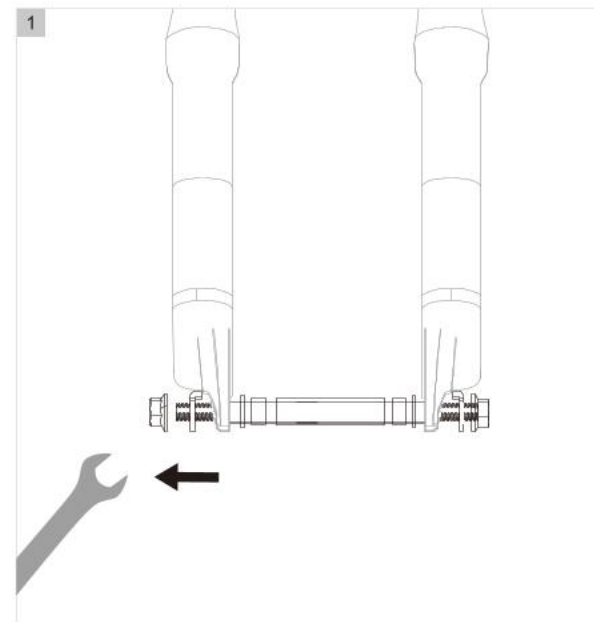
Step 2. Remove the entire package foam and ribbon. (Be gentle if you use scissors)

Step 3. Install the kickstand.

- 1- Use a 5mm hex key to remove the two screws on the kickstand.
- 2- Put the kickstand from the back of the frame, align it with the screw holes on the frame, pre-lock the screws and tighten the screws with a 5mm hex key. (Notes: Keep the motor cable above the part of the kickstand attached onto the frame.)
- 3- Put down the kickstand to stabilize the Ebike.

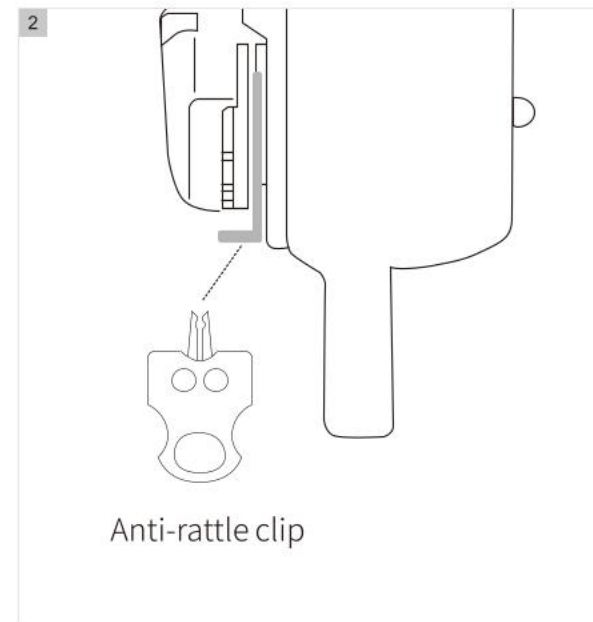


Step 4. Install the front wheel.



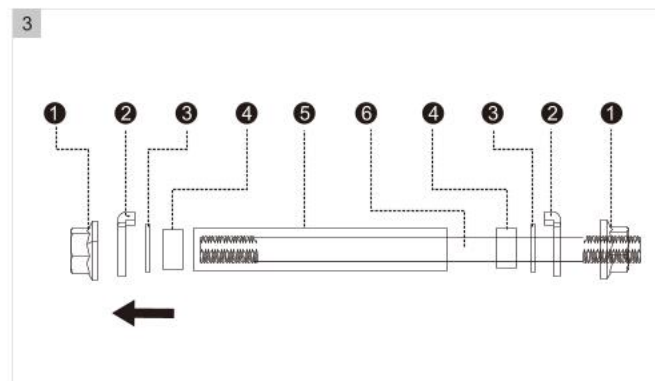
- 1- Use a 15mm wrench to loosen the screws on both sides and remove the front fork axle.

Note: The accessories on the front fork axle are required for front wheel installation!



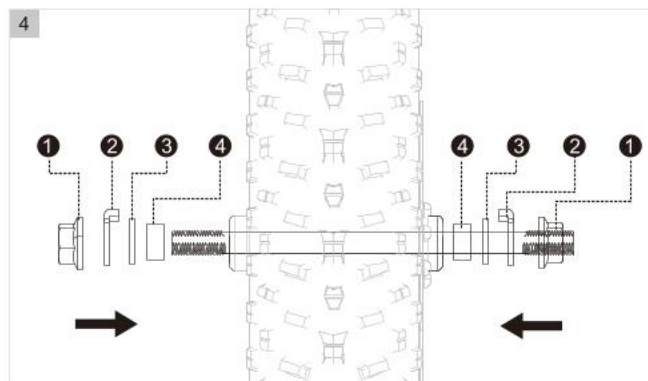
- 2- Remove the anti-rattle clip from the brake caliper.

Note: This is packaging material and may be discarded.



3- Unscrew one side screw, then remove the 2 safety hook, 3 flat washer, and 4 sleeve washer.

Note: Remove the 5 long sleeve (This long casing is packaging material and may be discarded).

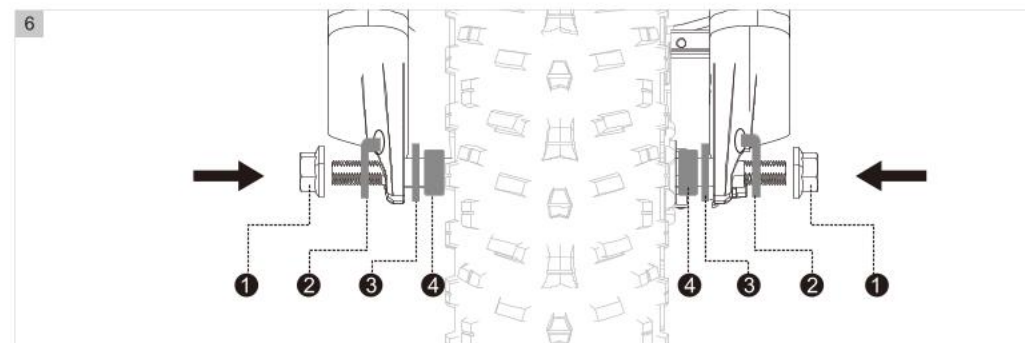


4- Insert the 6 front fork axle into the front wheel hub, then sequentially install the 4 sleeve washer, 3 flat washer, and 2 safety hook. Tighten the 1 screw.

Note: For safety reasons, strictly follow this installation sequence.

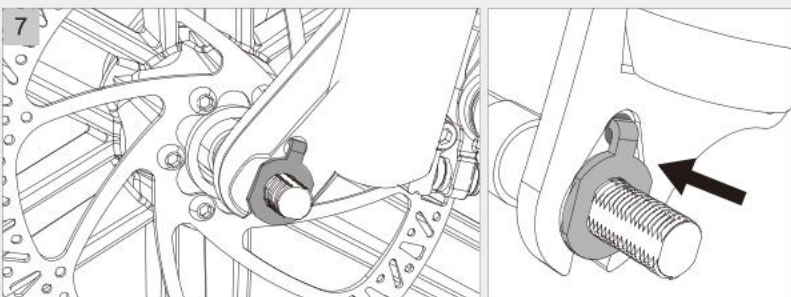
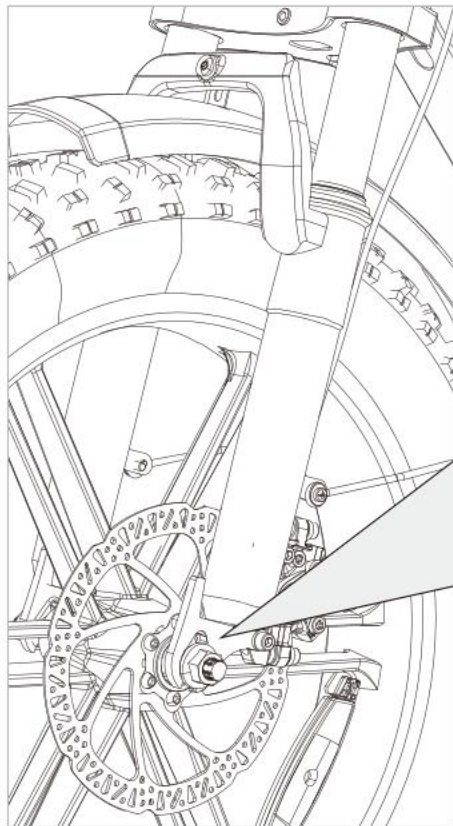


5- Pay attention to the gap in the center of the disc brake rotor layout.



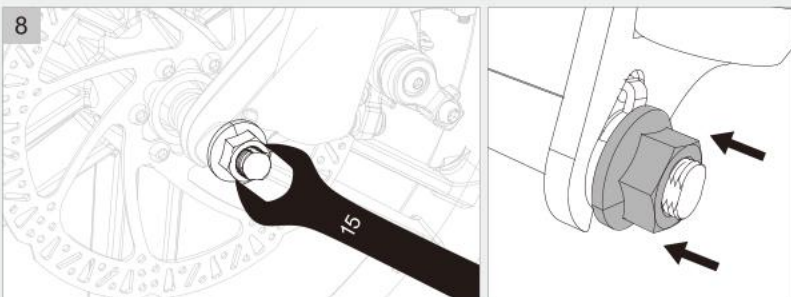
6- Mount the front wheel onto the front fork.

⚠ Note: Ensure the forks are properly aligned in sequence, with the 4 sleeve washer and 3 flat washer positioned inside the fork.



7- Engage the safety hook onto the front fork.

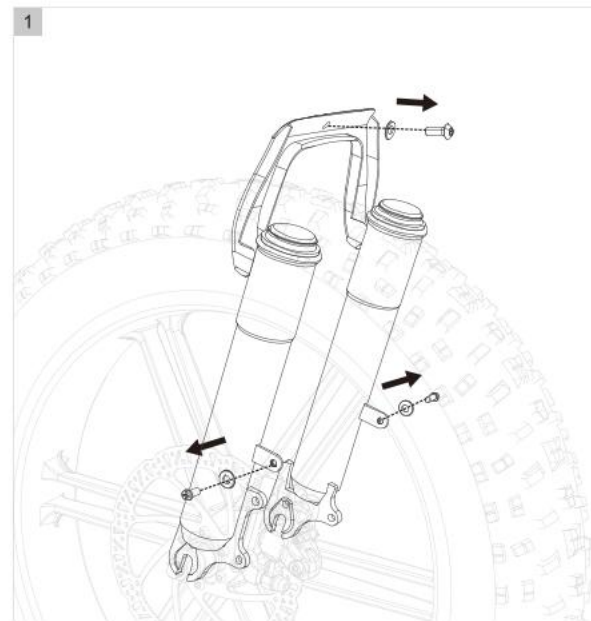
⚠ The safety hook must be secured into the fork's mounting hole.



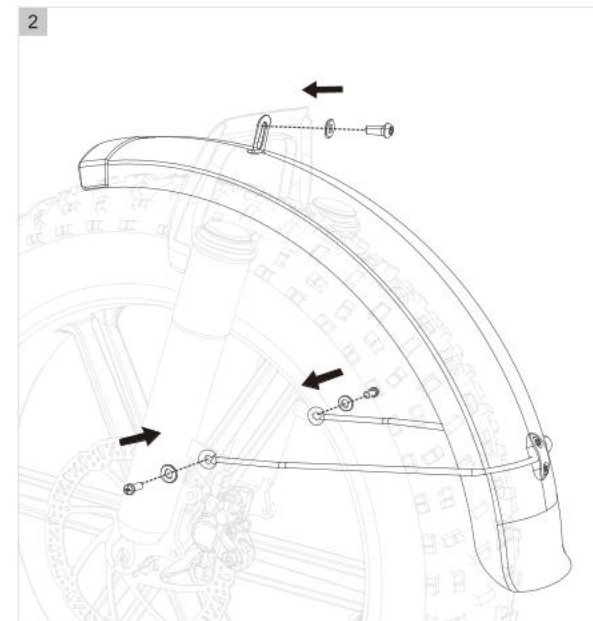
8- Use a 15mm wrench to tighten the screws on both sides.

After tightening the screw, make sure the shaft protrudes slightly on both sides, as illustrated.

Step 5. Install the front fender.

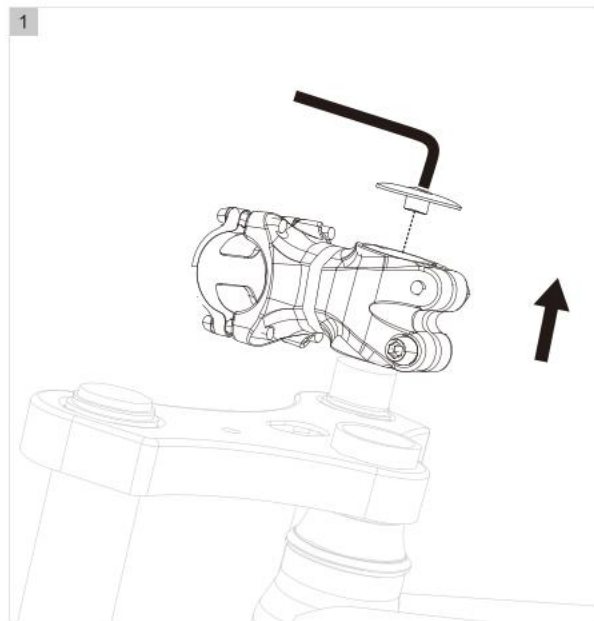


1- Use the 4mm hex key to unscrew the three screws on the front fork.

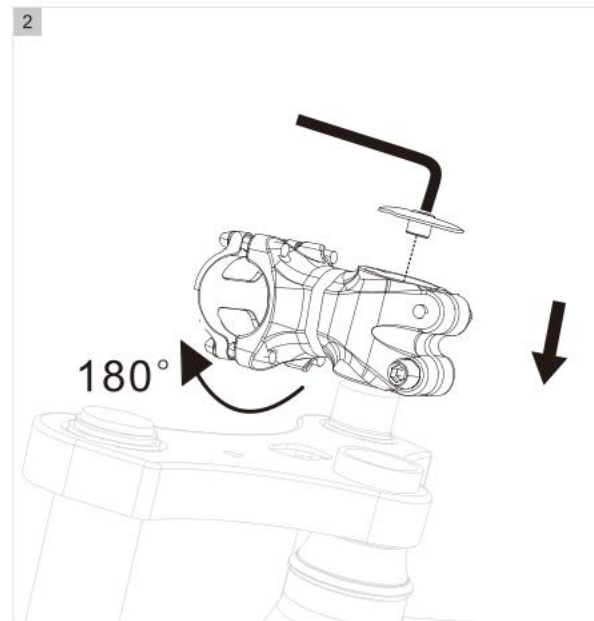


2- Put the fender in from behind the wheel, tighten the upper screws with a 4mm hex key, and then lock the screws on both sides of the support.

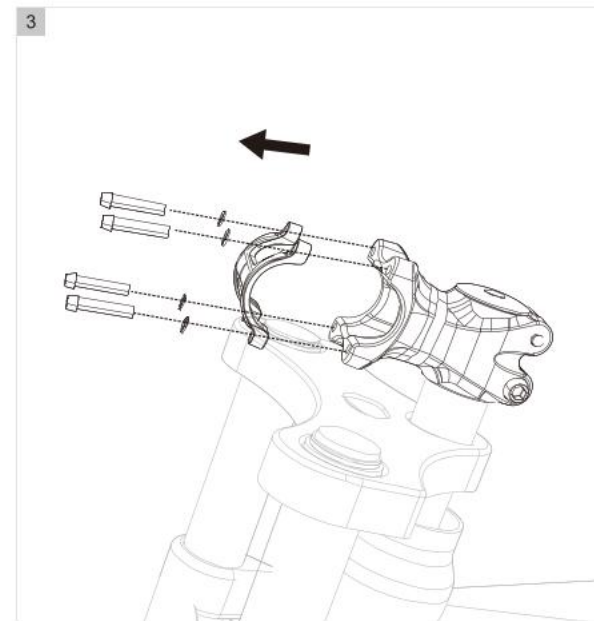
Step 6. Install the handlebar.



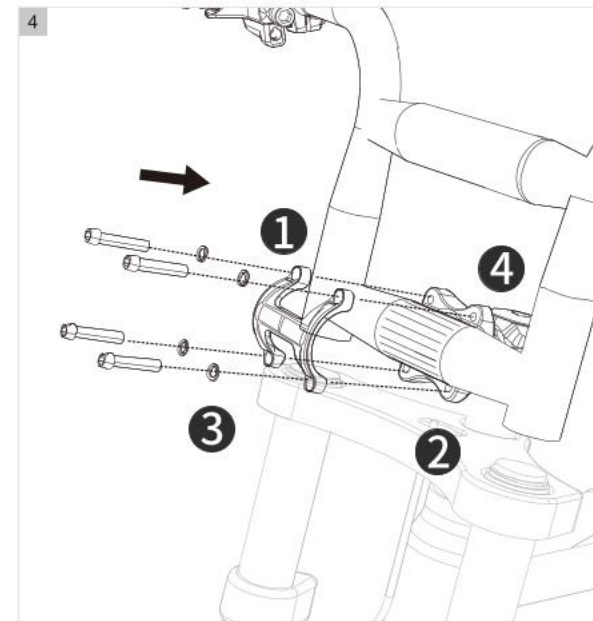
1- Remove the aluminum top screw with a 5mm allen wrench, loosen the riser screw and remove the riser.



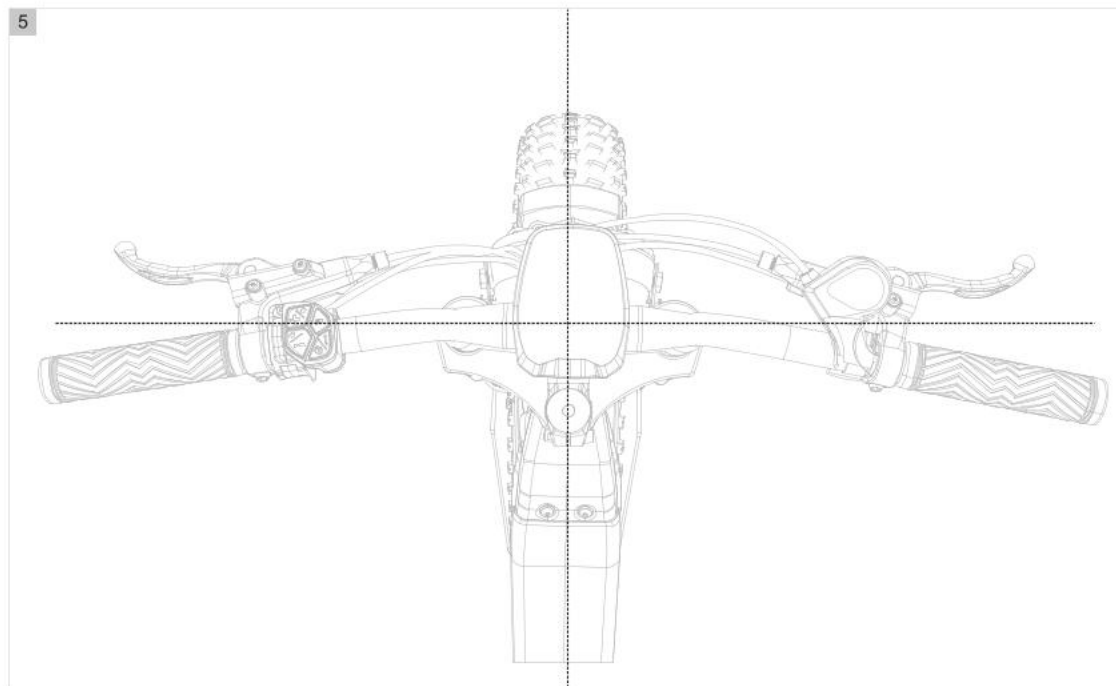
2- Flip the riser 180° and lock the aluminum top screw; pre-lock the riser screws without locking them first.



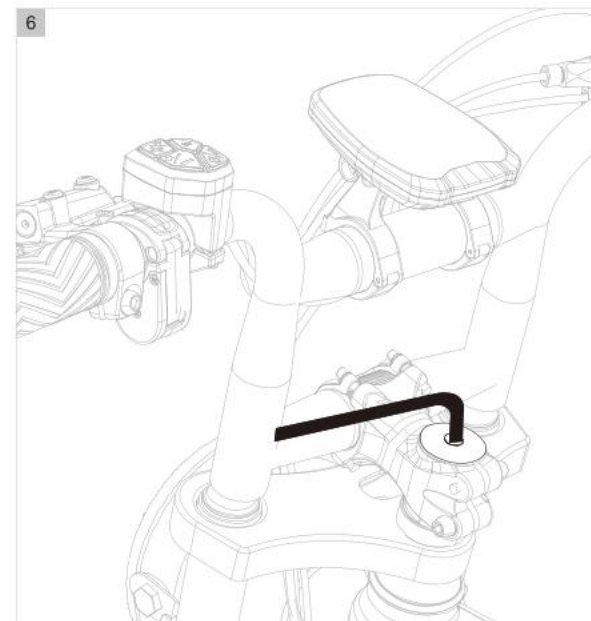
3- Use a 4mm hex key to remove the four screws and pressure blocks that fix the handlebar.



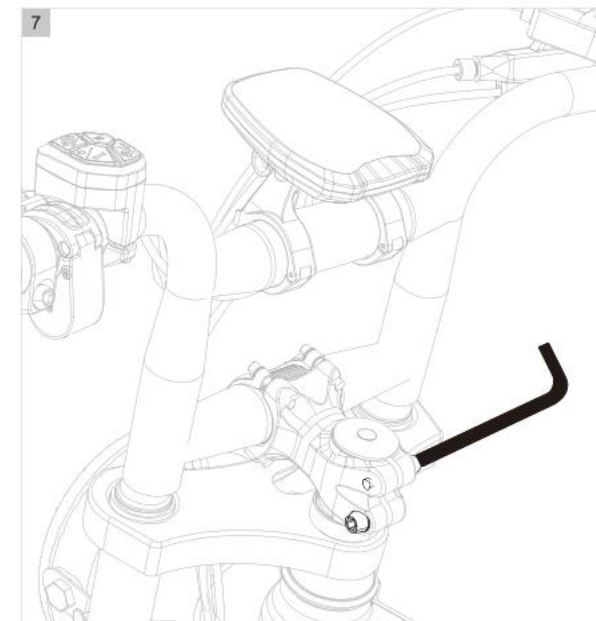
4- Put on the handlebar, pressure block, the knurling on the handlebar should be placed in the center, diagonal locking screw.



5- After the handlebar is installed then adjust the angle of the handlebar, fix the front wheel and turn the handlebar so that the handlebar is perpendicular to the front wheel.

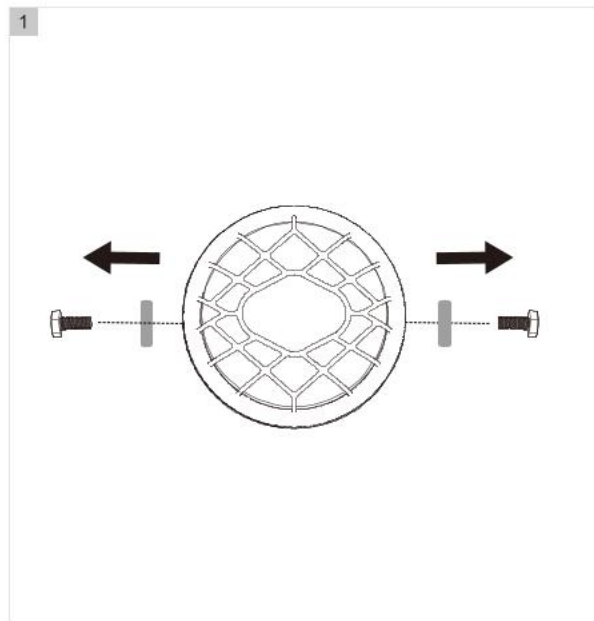


6- Lock the aluminum top screw with a 5mm allen wrench.



7- Lock the riser screws with a 5mm allen wrench.

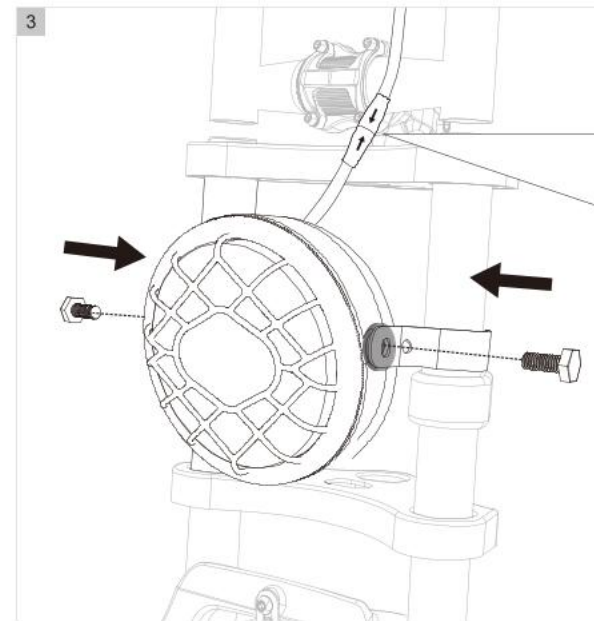
Step 8. Install the front light.



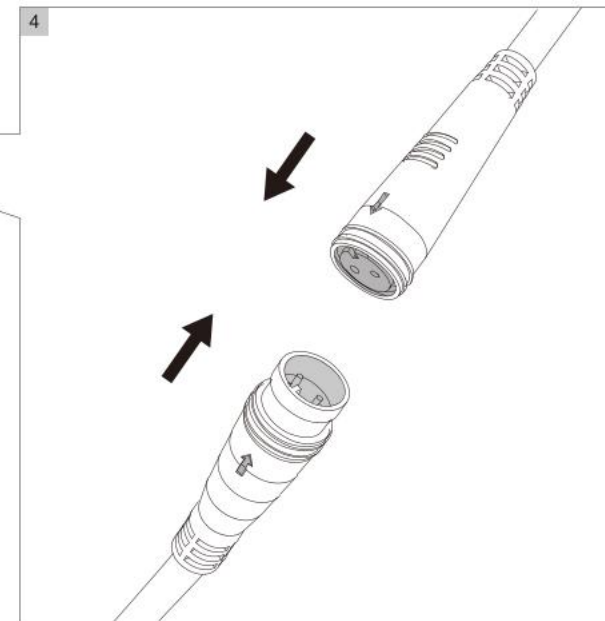
1- Use a 14mm wrench to remove the screws and foam pads from both sides of the front light.



2- Open the two brackets on the front light.

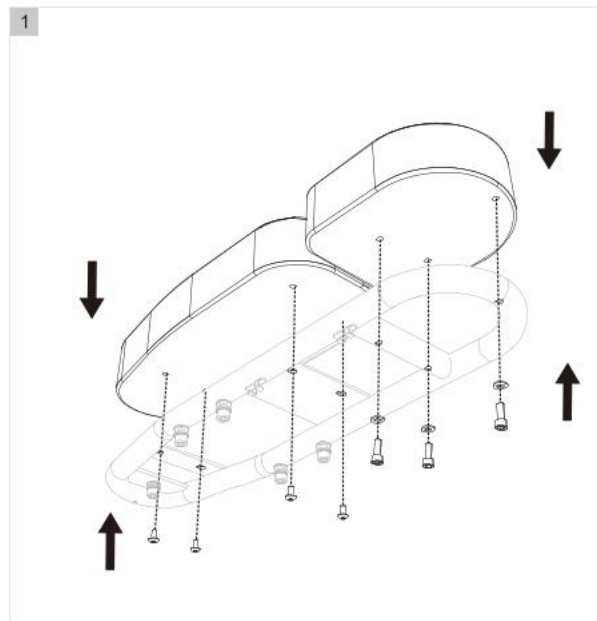


3- Place the front light with the foam pads between the brackets and the light, then tighten the screws.

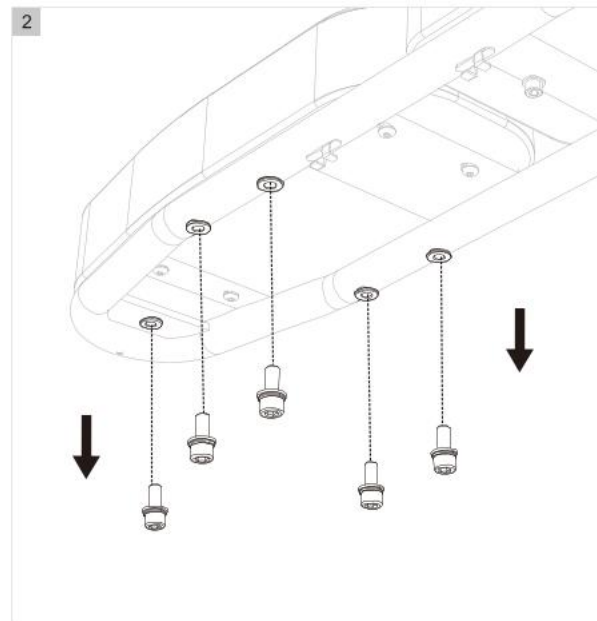


4- Connect the front light connector: align the red connector on the front light with the red connector on the display marked with an arrow, and push them together firmly.

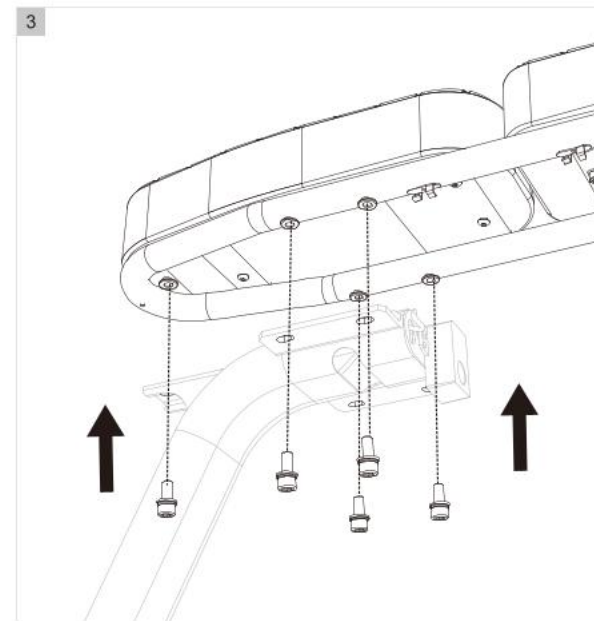
Step 9. Install Rear Seat Cushion.



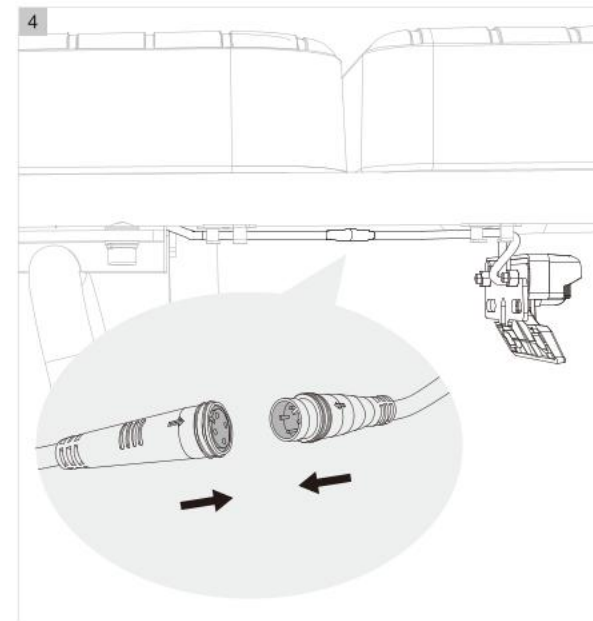
1-Align the screw holes on the saddle with the mounting holes on the frame, and tighten with 4mm hex screws. (Note: the four screws for the front saddle are shorter than the three screws for the rear saddle.)



2-Use a 6mm hex key to remove the five fixing screws from the saddle bracket.



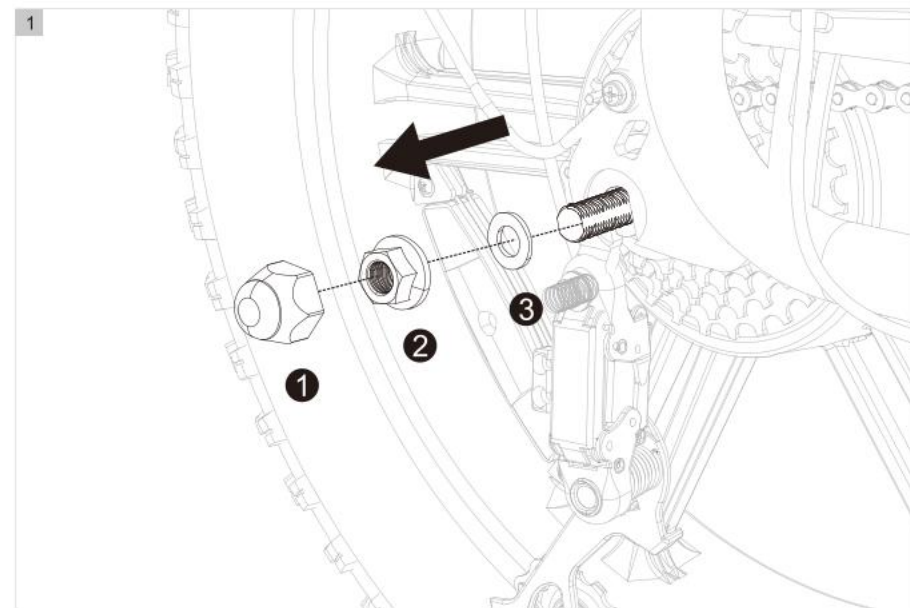
3-Place the saddle onto the frame, align the screw holes, and tighten the screws with a 6mm hex wrench.



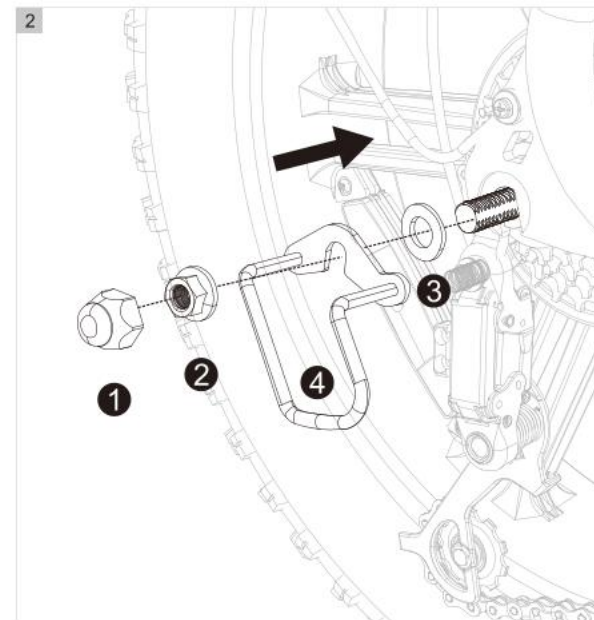
4-Connect the taillight connector: align the blue connector on the taillight with the blue connector on the frame, and push them together firmly.

Step 10. Install the derailleur guard.

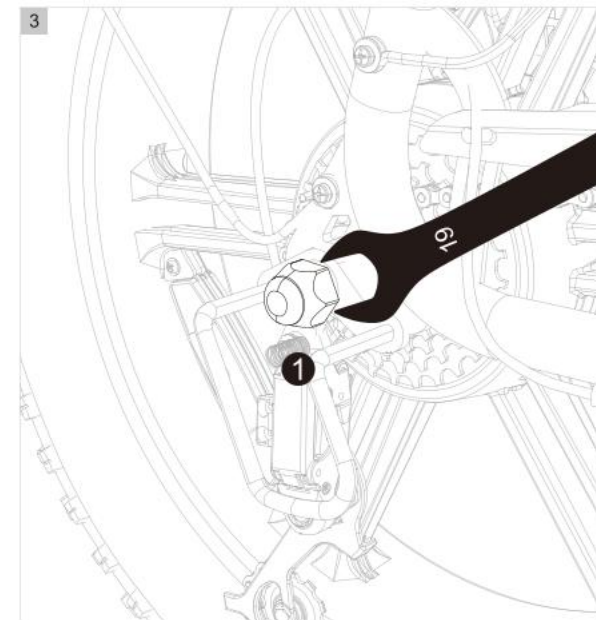
WARNING: Any small mistake can cause serious damage to your motor. An improperly secured motor can cause loss of control, accidents, serious injury, or death.



1-Use a 19mm wrench to remove the ① cap nut, ② flange nut, and ③ washer from the frame.

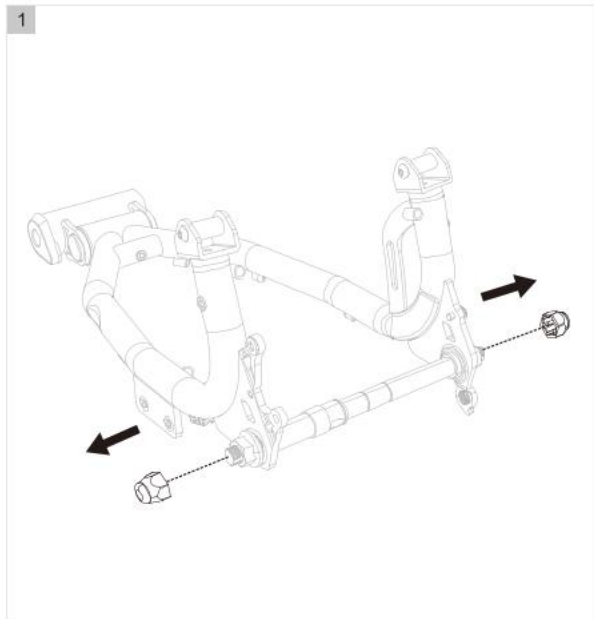


2-Then, install the ③ washer, ④ derailleur guard, ② flange nut, and ① cap nut in order (note: the slot on the derailleur guard should face downward).

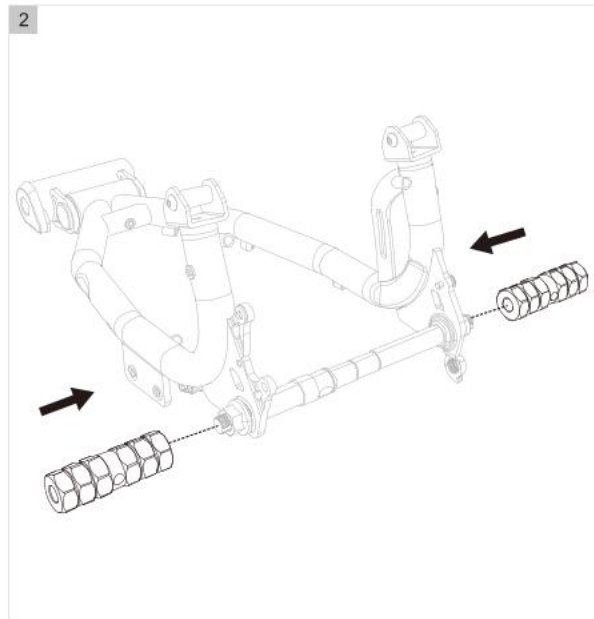


3-Finally, use the wrench to tighten the ① cap nut.

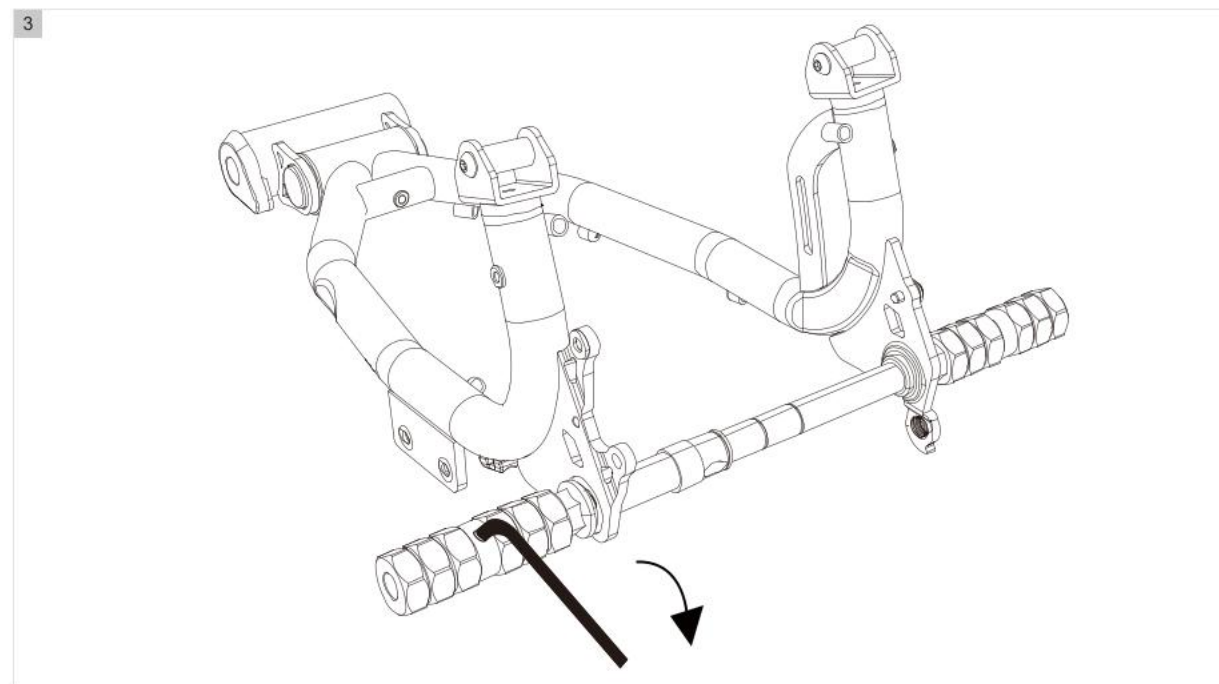
Step 11. Install Rear Foot Pegs.



1-Use a 19mm open-end wrench to remove the nuts on both sides of the rear wheel.



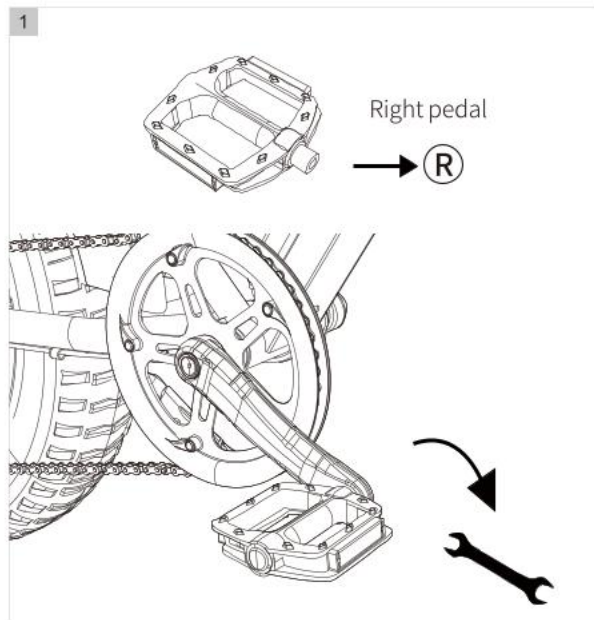
2-Attach the rear foot pegs.



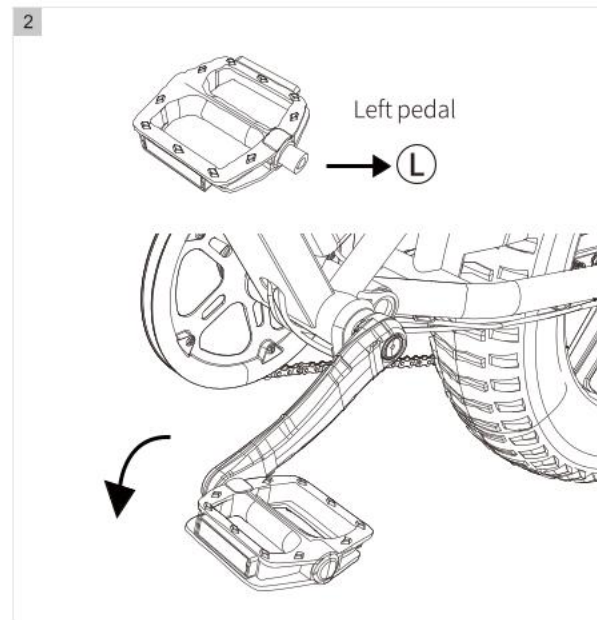
3-Use an Allen wrench to tighten both foot pegs securely

Step 12: Install the pedals.

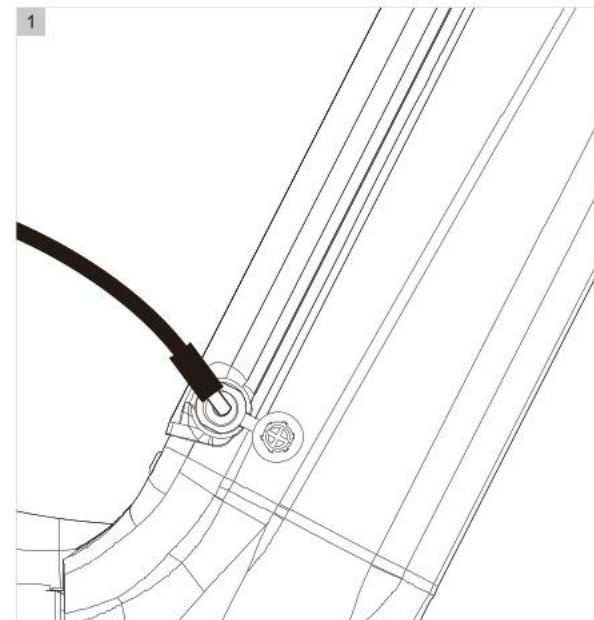
Note: The "R" on the inside of the pedal shaft is for the right pedal, while the "L" is for the left pedal.



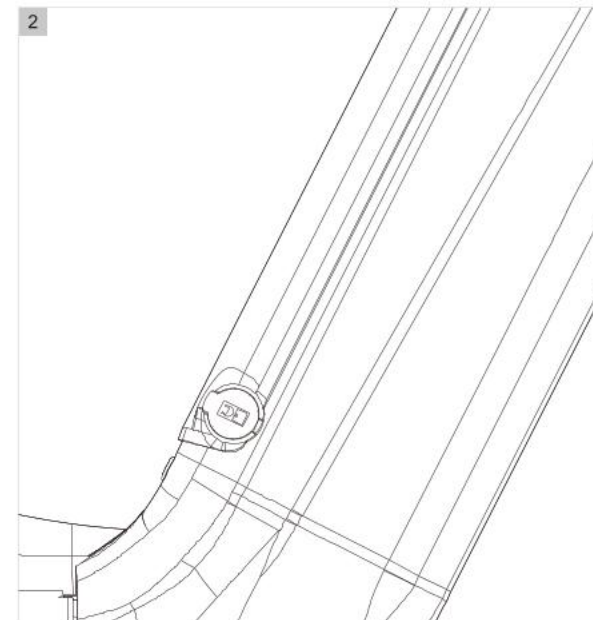
1-The pedal with the letter "R" is mounted on the right side and locked clockwise with a 15mm wrench.



2-The pedal marked with "L" is mounted on the left side and locked counterclockwise with a 15mm wrench.

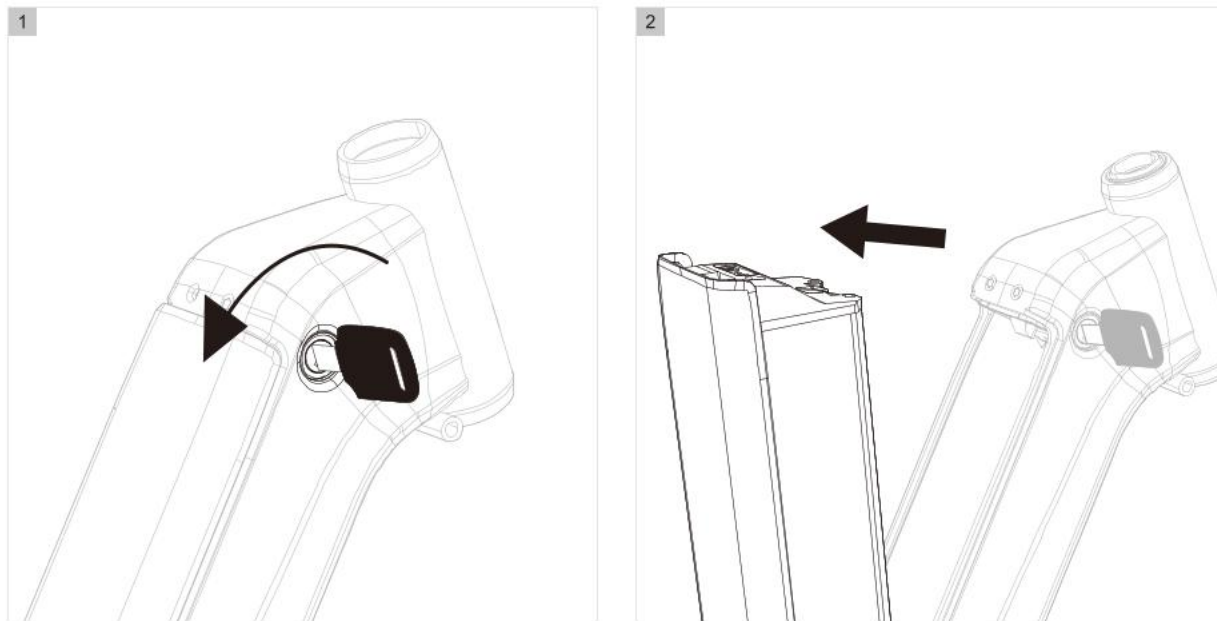
Step 13. Charging port usage demonstration.

1-Open the dust-proof plug, insert the DC head of the adapter into the charging port.

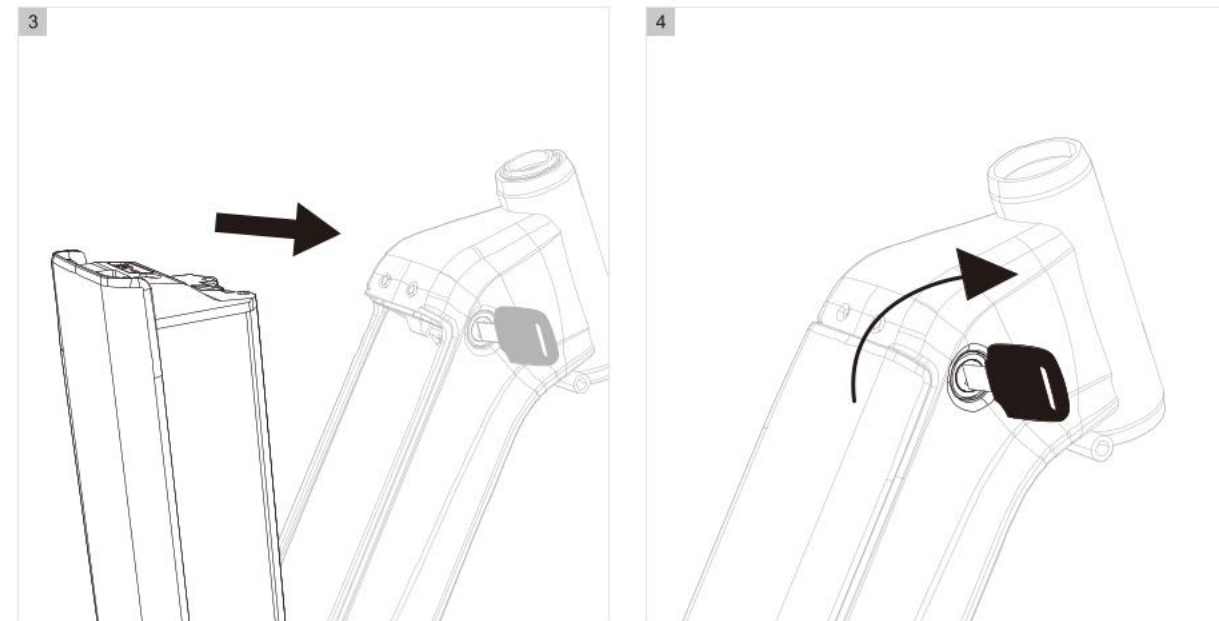


2-After use, pull out the adapter and put back the dust-proof plug.

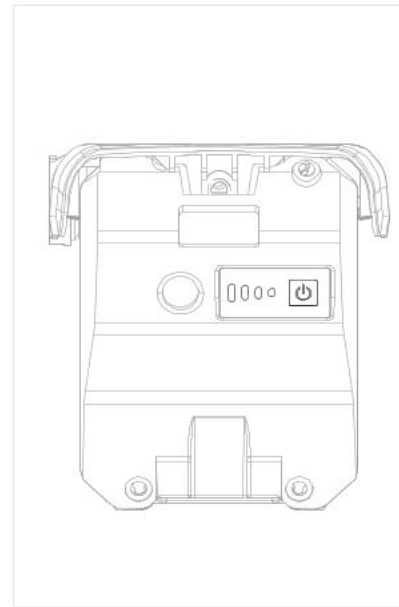
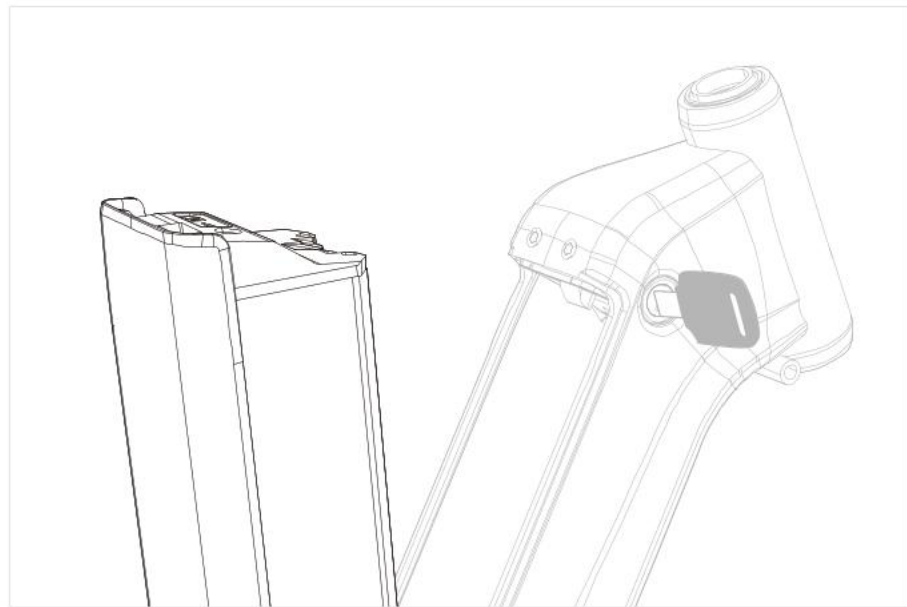
Step 14. Battery lock usage demonstration.

**Remove the battery:**

1- 2: Insert the key, turn it counterclockwise to unlock the battery lock, and remove the battery.

**Install the battery:**

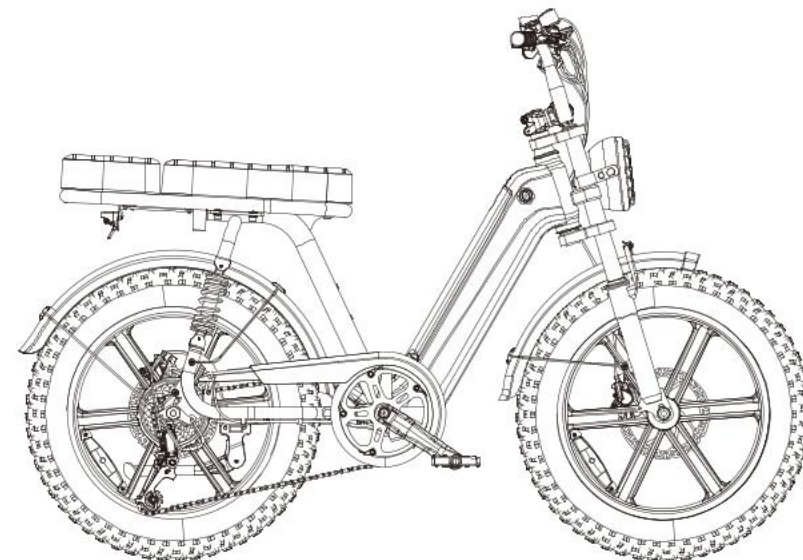
3-4: After inserting the battery, turn the key clockwise to lock the battery, then you can remove the key.

Step 15. Check Battery and display.

Hold down the power button circled in the picture to turn on the Ebike and the battery, 1 LED lights on the battery will light on. Red light means the battery energy level is 0%-10%. Green light means the battery energy level is 90%-100%.

Step 16. Inflate the tires.

Ensure that the tires and tire beads are evenly seated on the rims. Set the tire pressure to MAX 20 PSI with a pump equipped with a A V valve and a pressure gauge. DO NOT over inflate or under inflate tires.



Maintenance Of Brakes

1. Disc brakes are easily affected by oil, please do not use any lubricants on or near disc brake discs, pads and calipers.
2. The running-in of the disc and the pads requires 20 to 40 braking times. After the running-in is complete, the braking force will be significantly enhanced.
3. When the thickness of the pads is less than 3mm or worn to the edge of the warning groove of the caliper, replace it at once.
4. When the pads are newly installed, the mouth of the caliper should be wiped clean.

Notes: If you want to change your brake pads or add brake fluid, please go to a nearby ebikes store and let an experienced mechanic help you.

Battery Charging

Charging Procedure

Steps to Charging an Electric Bike:

1. **Make sure the battery is off.**
2. **Remove the rubber cover from the charging port.**
3. **Plug the charger into the battery's charging port, BEFORE PLUGGING CHARGER INTO POWER OUTLET.** Whether the battery is on or off the Ebike, place the charger on a flat, stable surface, and connect the DC output plug from the charger (round barrel connector) to the charging port on the side of the battery.
4. **Plug the charger into an electrical outlet.** Connect the charger input plug (110/240-volt plug) to the power outlet. During charging, the LED charge status light on the charger will illuminate solid red, indicating that charging has begun.
5. **Disconnect the charger from the outlet, then the charging port.** When the charger has fully charged, indicated by one charging indicator light turning solid green, unplug the charger from the wall outlet first, then remove the charger output plug from the battery charging port.
6. **Battery indicator light: Red: 0%-10%. Green: 90%-100%.**

Charge your battery at temperatures between 32 °F - 86 °F (0 °C - 30 °C) and ensure the battery and charger are not damaged before charging. PPlease contact us for assistance

Battery Charging Information

- Before each charge, check the charger, charger cables, and battery for damage.
- Ensure that you charge it in a place where it is clear and safe from potential damage or tripping hazards. Always charge indoors in a cool and dry place away from direct sunlight, dirt, or debris. Always charge your battery in temperatures between 32 °F - 86 °F (0 °C - 30 °C) .
- The battery can be charged on or off the Ebike. Turn the key to the unlocked position, and remove the battery.
- You should recharge the battery after every use so that it is ready to go for the next ride. There is no memory effect, so charging the battery after short rides will not damage it.
- Charging the battery normally takes 7 hours.
- The charge indicator light will turn red during charging. After charging is complete, the light will turn green. Make sure the light is facing upward when charging.
- After the green light indicates a complete charge, remove the charger from the battery within one hour. It is designed to automatically stop charging the battery after it has been fully charged, but unnecessary wear of the charging components may occur if the charger is left connected to the battery and a power source for more than 12 hours.
- You should never charge a battery for more than 12 hours at a time.
- DO NOT leave a charging battery unattended.
- For turning on the Ebike: Hold the button circled for around 2 seconds next to the display to turn on the Ebike.

REMOVING THE BATTERY

- Turn the key to the unlocked position.
- Turn the knob above the battery anticlockwise to remove the battery from the tray.
- DO NOT touch or damage the "+" and "-" terminal contacts on the top of the battery and keep them clear of debris.

WHEN INSTALLING THE BATTERY ONTO THE EBIKE

- DO NOT force the battery into the tray; slowly align and gently push the battery down into the tray. Ascertain that there is no gap between the battery and the tray, and that the battery is fully secured on the tray.
- Turn the key to the locked position.
- Make sure the battery is properly secured to the Ebike before each use by pulling outward on the battery with both hands after it has been locked.

LONG-TERM BATTERY STORAGE

- When you store your e-bike for more than two weeks, follow these instructions to maintain the health and longevity of your battery. Charge (or discharge) the battery to approximately 75%.
- Do not leave the battery on the frame. Remove it from the e-bike when storing it for long periods of time.
- Store batteries indoors at 32 - 86 °F (0 - 30 °C) in a dry, climate-controlled location. Check the battery once a month and, if necessary, charge it to 75% using an e-bike charger.



Please follow the instructions above to store your e-bike and battery. Failure to follow proper battery storage procedures may result in the battery not functioning properly. Replacement is not covered by the warranty.



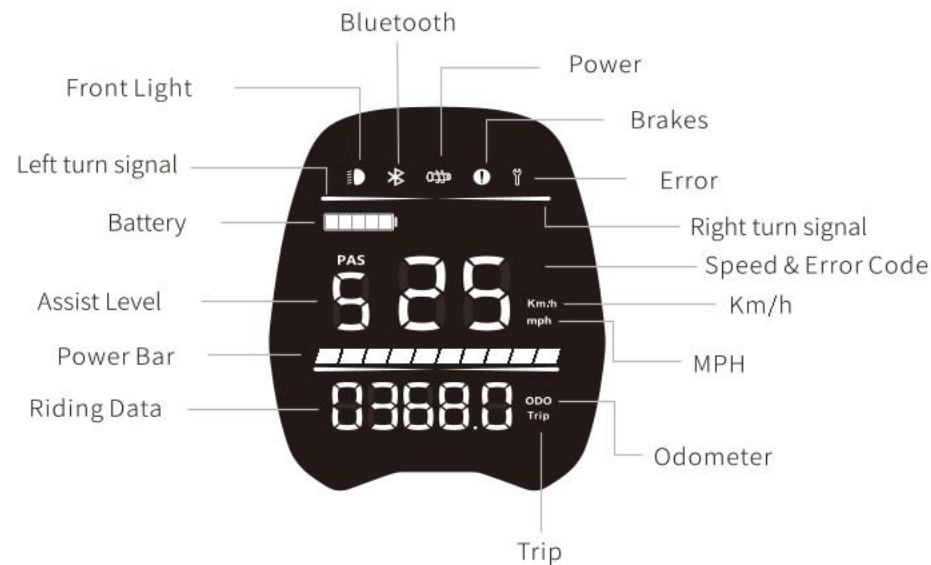
Please discontinue use and charging if the battery is damaged, non-functional, performing abnormally, or has been dropped or involved in a crash, with or without obvious signs of damage.



DO NOT cover up the charger while it is charging. The charger air cools and needs to be on a hard, flat surface in an open space. Use the charger with the indicator light facing upward. DO NOT use it when the charger is inverted, which can inhibit cooling and reduce charger lifespan.



You should not open the battery housing as doing so will void the warranty and can cause serious injury or death to you or others.

QUICK START GUIDE

GETTING STARTED

When your e-bike is powered on, it is at PAS 0 and you can switch between PAS 1 to PAS 5 by pressing "+" or "-". Pedal assist only works when the e-bike is in PAS 1 to PAS 5. All e-bikes have four working modes.

- 1- Power mode only: You can ride with pure electric assistance;
- 2- Pedal assist mode, you can pedal the e-bike easily and get power assistance from the motor, use the display and buttons to adjust the assist level between 0-5 to suit your needs;
- 3- Normal e-bike mode, the assist will be Set level to 0 and pedal like a regular e-bike;
- 4-Walk mode, press and hold the minus button for three seconds to enter "walk mode", the e-bike will travel at a speed of 4.83-6.44 km/h (3-4 MPH) without human push, moving easily on challenging terrains on (e.g. narrow trails and very steep hills).

Our R7 have a top speed of 25km/h (15.5 mph).

BATTERY AND CHARGING

For best results, charge the battery off the Ebike indoors in a moderately warm environment. Plug the charger into the charging port and then connect the charger to a wall outlet to charge the battery. While charging, the LED indicator light will be solid red. When charging is complete, the LED indicator light will turn solid green.

MAINTENANCE AND SERVICE

Your R7 Ebike will operate smoothly and last longer if you maintain it properly. Watch the "HOW TO ASSEMBLE" video we prepared for you before you assemble your Ebike. If you have questions during the assembly process, Please contact us.

SAFETY

Wear an approved ebikes helmet whenever ride an ebike, regardless of whether it is required by law. When riding the R7 Ebike, you should adhere to all local laws.

OPERATION INSTRUCTION

NOTICE: Please do not perform any steps in the Operation section of this manual until you have thoroughly read this manual, as the following sections contain important safety information.



The first time you operate the ebike, read and understand every section of this manual. The manual contains important safety information that must be followed to avoid dangerous situations, accidents, property damage, injury, or even death.



For safety reasons, the user must follow the instructions and warnings contained in this manual. Do not attempt to operate your e-bike until you have adequate knowledge and understanding of its controls and operation. Failure to follow instructions may result in serious injury or death and will void your warranty. If you have any questions about assembly or operation, please contact us.



Before operation, the user must be familiar with the power control system of the electric bicycle. Pedal assist is also a powerful feature that users should fully research and understand how to use before using it for the first time. Failure to familiarize yourself with and practice the operation of the power system on your Ebike may result in damage, injury, or death.

DRIVING RANGE

The driving range of an electric bicycle refers to the distance that the electric bicycle can travel on a single charge. In this manual, range values are based on the expected usage characteristics of the bicycle. Range is affected by a variety of factors, including altitude, speed, payload, acceleration, number of starts and stops, ambient air temperature, tire pressure and terrain.

When you are purchasing an e-bike for the first time, we recommend that you choose the lowest level of assistance to familiarize yourself with your e-bike and travel routes. Once you become familiar with the range requirements of your travel route and the capabilities of your e-bike, you can adjust your riding characteristics.

Parking, Storage, and Transport

To ensure your Ebike is well cared for on and off the road, please follow these tips for parking, storing, and transporting it.

- When pushing or carrying the Ebike manually, turn off the power to avoid accidental acceleration.
- Turn the power and any lights off to conserve battery.
- Ensure the battery is locked to the frame in the off position or use the key to remove the battery and store it in a temperature-controlled location for safety.
- Park indoors when possible. You should park your ebike in a dry location as soon as possible if you have to park outdoors in rain or wet conditions. An ebike used in wet conditions requires more frequent maintenance to prevent rust, corrosion, and to make sure all systems are functioning properly.
- E-bikes must be parked in public places in accordance with local regulations and rules.
- It is recommended that you lock your e-bike to keep it safe and reduce the possibility of theft. We do not make any claims or recommendations regarding the correct lock hardware or procedures for securing your e-bike, but we recommend that you take appropriate precautions to prevent your e-bike from being stolen.
- It cannot be parked, stored or transported on a frame that is not suitable for the weight and size of the e-bike.
- Park your e-bike on a vehicle that is compatible with the tire width. Some racks may not accommodate all line widths.
- When transporting the e-bike on the frame, unlock and remove the battery. This will reduce the weight of the e-bike, make lifting and loading easier, and allow you to transport the battery in the vehicle's cab.
- Do not transport the e-bike on the frame during rainy days as this may cause water damage to the electrical components.

USER MAINTENANCE AND SERVICE INSTRUCTIONS

Basic Ebike Care

We recommend that if you lack the skills, experience, or tools to perform maintenance and adjustments on your e-bike, have a certified, reputable e-bike mechanic perform these tasks.

Recommended Service Intervals

To ensure your e-bike operates as expected and reduces wear and tear on the system, regular inspections and maintenance are essential. The following are recommended maintenance intervals. Real-world wear and repair needs vary with usage conditions. It is generally recommended that inspection, repair and necessary replacement be carried out at the intervals shown in the table below.

Interval	Inspect	Service	Replace
Weekly, 160-321 km (100-200 mi)	- Check hardware for proper torque. - Check the drivetrain for proper alignment and function (including the chain, freewheel, chainring, and derailleur). - Check wheel trueness and for quiet wheel operation (without spoke noise). - Check if the brakes are functional. - Check the condition of the frame for any damage.	- Clean the frame by wiping the frame down with a damp cloth. - Use barrel adjuster(s) to tension derailleur/brake cables if needed. - Adjust the hydraulic brake cable	- Replace any components found to be damaged beyond repair or broken by E-Bike Product Support or a certified, reputable Ebike mechanic.
Monthly, 402-1207 km (250-750 mi)	- Check brake pad alignment, brake cable tension . - Check the Ebike is shifting properly, proper derailleur cable tension. - Check chain stretch. - Check brake and shifter cables for corrosion or fraying. - Check spoke tension. - Check accessory mounting (rack mounting bolts, fender hardware, and alignment).	- Clean and lubricate the drivetrain. - Check crankset and pedal torque. - Clean brake and shift cables. - True and tension wheels if any loose spokes are discovered.	- Replace brake and shift cables if necessary. - Replace brake pads if necessary.
Every 6 Months, 1207-2011 km (750-1250 mi)	- Inspect drivetrain (chain, chainring, freewheel, and derailleur). - Inspect all cables and housings .	- Standard tune-up by a certified, reputable Ebike mechanic is recommended. - Grease bottom bracket.	- Replace brake pads. - Replace tires if necessary. - Replace cables and housings if necessary.

Pre-Ride Safety Checklist

Notice: Before every ride, and after every 25-45 miles (40-72 km), we advise following the pre-ride safety checklist.

Safety Check	Basic Steps
1. Brakes	Ensure front and rear brakes work properly. Inspect brake pads for wear and make sure they are not overworn. Position the brake pads correctly in relation to the rims. Make sure brake cables are lubricated, adjusted correctly, and do not show obvious wear. Ensure brake levers are lubricated and tightly secured to the handlebar. Test that the brake levers are firm and that the brake motor cut off functions and the brake light are functioning properly.
2. Wheels and Tires	Ensure tires are inflated within the recommended limits posted on the tire sidewalls and hold air. Make sure tires are in good condition, have no bulges or excessive wear, and are not damaged in any other way. Verify the rims are true and have no obvious wobbles, dents, or kinks. Ensure all wheel spokes are tight and not broken. Check axle nuts and front wheel quick release to ensure they are tight. Make sure the locking lever on the quick release skewer is properly tensioned, closed, and secured.
3. Steering	Ensure that the handlebars and stem are properly adjusted, tightened, and allowed to steer. Test the stem clamp bolt security by twisting the handlebars. Ensure the handlebar is set correctly in relation to the fork and the direction of travel.
4. Chain	Ensure the chain is clean, oiled, and runs smoothly. Extra care is required in wet, salty/otherwise corrosive, or dusty conditions.
5. Bearings	Ensure all bearings are lubricated, run freely, and display no excess movement, grinding, or rattling. Check headset, wheel bearings, pedal bearings, and bottom bracket bearings.
6. Cranks and Pedals	Ensure pedals are securely tightened to the cranks. Ensure the cranks are securely tightened and are not bent.
7. Derailleur and Brake Cables	Check that the derailleur is adjusted and functioning properly. Ensure shifter and brake levers are attached to the handlebar securely. Ensure all shifter cables are properly lubricated.
8. Frame, Fork, and Seat	Check that the frame and fork are not bent or broken. If either frame or fork are bent or broken, they are secured and undamaged. Check that the seat is adjusted properly, and the seatpost quick release lever is securely tightened.

9. Motor Drive Assembly and Throttle	Ensure the hub motor is spinning smoothly and the motor bearings are in good working order. Ensure that all power cables running to the hub motor are securely attached and undamaged. Ensure the hub motor axle bolts are secure and that the torque arm, torque arm bolt, and torque washers are in place.
10. Battery	Ensure the battery is charged before use. Ensure there is no damage to the battery. Lock battery to frame and ensure that it is secured. Charge and store Ebike and battery in a dry location, between 32 °F - 86°F (0°C-30°C). Let the Ebike dry completely before using it again.
11. Electrical Cables	Make sure that connectors are fully seated and free of debris or moisture. Check cables and cable housing for obvious signs of damage. Make sure the headlights, taillights, and brake lights are working, adjusted properly, and not obstructed.
12. Accessories	Ensure all reflectors are properly fitted and not obscured. Ensure all other fittings on the Ebike are secured and functional. Inspect the helmet and other safety gear for signs of damage. Make sure the rider is wearing a helmet and other required safety gear. Ensure mounting hardware is properly secured if equipped with a front rack, rear rack, basket, etc. When fitted with a rear rack, ensure the tail light and power wire are properly secured. Ensure the fender mounting hardware is properly secured if fitted with fenders. Ensure there are no cracks or holes in fenders. If installed, ensure the optional rear wheel lock is secured in the unlocked position and the key is removed before every ride.



Within the first 50-100miles (80-160km) of use, your cables, spokes, and chain will stretch, and the bolted connection will loosen. Always have a certified, reputable Ebike mechanic perform a tune-up on your Ebike after your initial break-in period of 50-100mi (80-160km) (depending on riding conditions such as total weight, riding characteristics, and terrain). The regular inspections and tune-ups of your Ebike are particularly important to ensure that it remains safe and fun to ride.

Tire Information

E-Bike uses 20" x 4" rubber tires with inner tubes. Tires are designed for durability and safety for regular cycling activities. The inflation and condition of the tires should be checked before each use. Proper inflation, care, and timely replacement will help to maintain your Ebike's operating characteristics, and prevent unsafe conditions.

On the E-Bike, MAX 20 PSI is recommended for stock tires. Always stay within the manufacturer's recommended air pressure range listed on the sidewall of your tire.



It is critically important that proper air pressure is always maintained in pneumatic tires. Never under inflate or over inflate the tires. Low pressure may result in loss of control, while overinflated tires may explode. Failure to always maintain the air pressure rating indicated on pneumatic tires may result in tire and/or wheel failure.



Use a pressure gauge to inflate the tire by adjusting the air source. Unregulated air sources can overinflate tires, causing them to burst. Even tires equipped with built-in anti-flat tire liners, e-bike tires can go flat due to punctures, pinches, impacts, and other causes. If a tire is worn or flat, you must replace the tire and/or tube before operating the e-bike, otherwise you may risk injury to the rider and/or damage to the e-bike.



Make sure that all air pressure has been removed from the inner tube before removing the tire from the rim when changing a tire or tube. Failure to remove all air pressure from the inner tube could result in serious injury.



The use of aftermarket tires or inner tubes, not provided by E-Bike, may void your warranty, create an unsafe riding condition, or damage your Ebike. Replace aftermarket tires with sufficient reflective sidewall striping, if required by law.

Deraillleur

Right next to the rear brake, on the right side of the handle bar, is our front deraillleur with 7-1 gears. You can change your riding experience by pressing the deraillleur to make the chain to different gears.

TROUBLESHOOTING

	Symptoms	Possible Causes	Most Common Solutions
1	The Ebike does not work	1. Insufficient battery power 2. Faulty connections 3. Battery not fully seated in tray 4. Improper turn on sequence 5. Brakes are applied	1. Charge the battery 2. Clean and repair connectors 3. Install battery correctly 4. Turn on Ebike with proper sequence 5. Disengage brakes
2	Irregular acceleration and/or reduced top speed	1. Insufficient battery power 2. Loose or damaged throttle 3. Misaligned or damaged magnet ring	1. Charge or replace battery 2. Replace throttle 3. Align or replace magnet ring
3	The motor does not respond when the Ebike is powered on	1. Loose wiring 2. Loose or damaged throttle 3. Loose or damaged motor plug wire 4. Damaged motor	1. Repair and/or reconnect 2. Tighten or replace 3. Secure or replace 4. Repair or replace
4	Reduced range	1. Low tire pressure 2. Low or faulty battery 3. Driving with too many hills, headwind, braking, and/or excessive load 4. Battery discharged for a long period of time without regular charges, aged, damaged. 5. Brakes rubbing	1. Adjust tire pressure 2. Check connections or charge battery 3. Assist with pedals or adjust route 4. Contact Product Support if range decline persists. 5. Adjust the brakes
5	The battery will not charge	1. Charger not well connected 2. Charger damaged 3. Battery damaged 4. Wiring damaged	1. Adjust the connections 2. Replace 3. Replace 4. Repair or replace
6	Wheel or motor makes strange noises	1. Loose or damaged wheel spokes or rim 2. Loose or damaged motor wiring	1. Tighten, repair, or replace 2. Reconnect or replace the motor.

Error Detection

The E-Bike have an error detection system integrated into the display and controller. If the electronic control system fails, an error code will appear. These error codes are the most common and can help with troubleshooting. It is recommended that you stop operating your e-bike immediately and contact us when an error code is displayed.

Error Code	Definition
E0	Throttle Fault
E1	Torque Sensor Fault
E2	Controller Meter Communication Fault
E3	Low Voltage Protection
E4	Controller High Temperature
E5	Motor Hall Fault
E6	Motor Stalling
E7	Controller Over Current Protection
E8	Motor High Temperature Protection
E9	Battery Over Voltage Protection

Additional Information on Wear

As compared to ebikes without power assistance, E-Bike components are subject to higher wear. This is because E-Bike can travel at higher speeds and has a greater weight than regular bicycles. Higher wear is not a defect in the product and is not covered by the warranty. Components commonly affected are tires, brake pads, rotors, spokes, wheels, and batteries.



When a component's useful life has expired, it can lose its function unexpectedly. This can cause serious injury or even death. Therefore, pay attention to characteristics such as cracks, scratches, and changes in the color or operation of components that could indicate their useful life has ended. Replace worn components immediately. An experienced, reputable Ebike mechanic should be consulted if you are unfamiliar with regular maintenance.

LIMITED WARRANTY

Warranty and other binding legal terms (e.g., terms of purchase, etc.) for your Ebike are subject to change at any time. You can view your terms of purchase and current warranty at <https://www.tstebike.com/pages/help-center>.

Warranty Info

All TST GRP LLC ebikes are protected against all manufacturing defects for one year (free maintenance) after the date of qualifying purchase.

- For the defective item which is purchased in 7 days and the defective which can't be repaired by spareparts, customer can apply for a new one from your dealer after shipping back the defective item.
- For the defective item which is purchased in three months, customer can apply for free spareparts and repair from your dealer. We can also provide repairing videos and online guidance by professional engineer if needed.
- For the defective item which is purchased after three months, customer can buy spareparts from your dealer or on www.TSTGRP.LLC.com. We can also provide repairing videos and online guidance by professional engineer if needed.
- We also have lifelong maintenance services. Customer can send the defective item to our local repair center but should bear all the shipping cost and repair cost.

The limited Warranty is only valid for the original owner of an ebike purchased from TST GRP LLC dealers or in person. A limited Warranty begins upon your receipt of the ebike and will terminate at the earliest of the end of the Warranty Period or the sale or transfer of the ebike to another person. Additional owners or transferees of the ebike will not be covered under this Limited Warranty.

The limited Warranty covers the replacement of the following items but with different time span: motor, battery, charger, LCD screen, switch, front light, frame, front fork, handlebar, crank, throttle, pedal, flywheel, thumb shifter, rear derailleur, brake disc, tire (each a "covered component").

This Limited Warranty Does Not Cover:

- The normal wear and tear of any Covered Component.
- Consumables or normal wear and tear parts (including without limitation tires, tubes, brake pads, cables and housing, grips, chain and spokes).
- Damage to Covered Components resulting from failure to follow instructions in the ebike owner's manual, acts of God, accident, misuse, negligence, abuse, commercial use, alterations, modifications, improper assembly, installation of parts or accessories not originally intended or compatible with the ebike as sold, operator error, water damage, extreme riding, stunt riding, or improper follow-up maintenance.
- Without a doubt, TST GRP LLC will not be liable or responsible for any damage, failure, or loss caused by any unauthorized service or use of unauthorized parts.
- The Battery is not warranted against damage caused by power surges, improper chargers, improper maintenance or other such misuse, normal wear or water damage.
- Determining whether damage or defect to an ebike or covered component is protected by this limited warranty shall be in the sole discretion of TST GRP LLC.

WARNING! Wir übernehmen keine Verantwortung für Unfälle, Verletzungen oder Produktfehler, die durch unbefugte Änderungen oder Manipulationen an Teilen der ursprünglichen Spezifikationen entstehen.

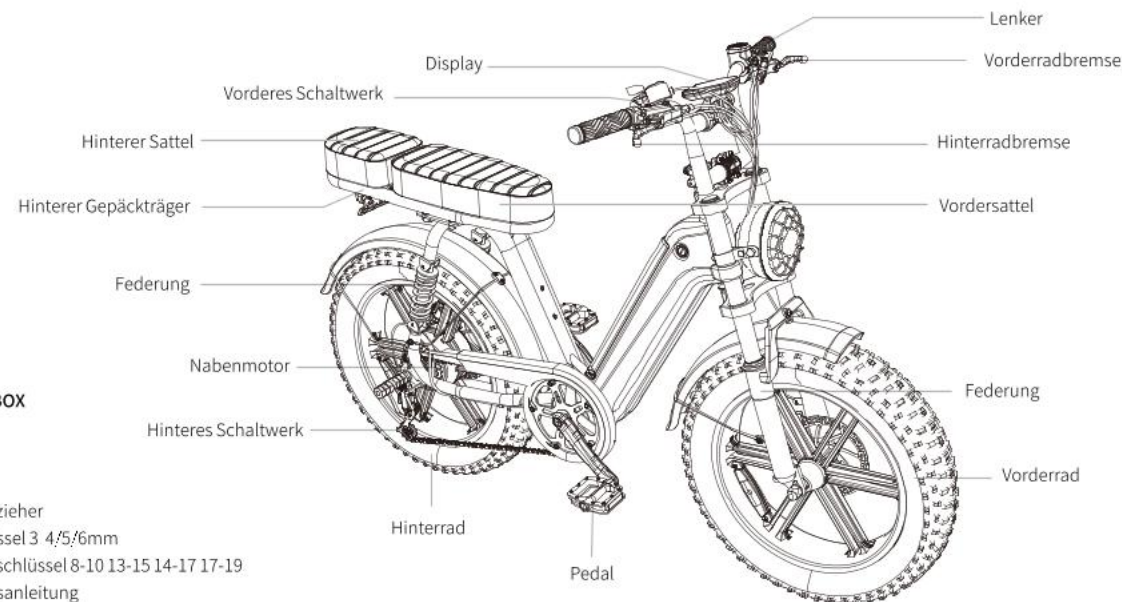
BEWAHREN SIE DIESE ANWEISUNGEN AUF

SPEZIFIKATIONEN

Modellname	R7
Maximale Tragfähigkeit	204 kg / 450 lbs
Höchstgeschwindigkeit	25 km/h (15,5 mph)
Motor	250 W
Batterie	48 V 15 AH (720 Wh)
Radgröße	20" 4"
Reifendruck	Max. 20 PSI
Licht	Vorder-/Hinterrad
Ladegerät	54,6 V 2,0 A
Ladezeit	7 Stunden
Wasserbeständigkeit	IPX5
Gewicht	37,5 kg / 82,67 lbs

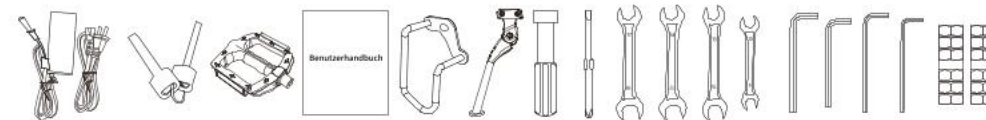
* Die Reichweite pro Ladung wird unter der Bedingung gemessen, dass die Leistung eingeschaltet ist, mit einer Last von 75 kg, bei 30°C (86°F), 70% Luftfeuchtigkeit, auf einer ebenen Straße, im reinen Elektromodus. Die Ergebnisse können je nach Temperatur, Last, Windgeschwindigkeit, Straßenbedingungen und anderen Faktoren variieren.

MONTAGEANLEITUNG



INHALT DER BOX

- 1* Ladegerät
- 1* Ladekabel
- 1* Schraubenzieher
- 4* Inbusschlüssel 3 4/5/6mm
- 3* Schraubenschlüssel 8-10-13-15-14-17-19
- 1* Bedienungsanleitung
- 1* Linkes Pedal
- 1* Rechtes Pedal
- 1* Hinterer Gepäckträger
- 1* Schutzbügel für das hintere Schaltwerk
- 1* Ersatzschraube (Tüte)
- 2* Hintere Fußrasten



Hinweis: Die folgenden Schritte sollen Ihnen nur beim Zusammenbau Ihres E-Bikes helfen; sie sind nicht als vollständige oder umfassende Anleitung für Montage, Wartung und Reparatur gedacht. Wenn Sie Hilfe beim Zusammenbau, der Reparatur und Wartung Ihres E-Bikes benötigen, wenden Sie sich an einen seriösen, zertifizierten E-Bike-Mechaniker.

Schritt 1. E-Bike auspacken.

Öffnen Sie die Box, nehmen Sie das Vorderrad heraus. Nehmen Sie das E-Bike mit der Hilfe einer anderen Person aus der E-Bike-Box, die in der Lage ist, ein schweres Objekt sicher zu heben. Entfernen Sie das Verpackungsmaterial, das den E-Bike-Rahmen und die Komponenten schützt. Bitte recyceln Sie Verpackungsmaterialien, insbesondere Karton und Schaum, wann immer möglich.

Nehmen Sie den Ständer, eine kleine Box mit dem Ladegerät und die große Box mit Werkzeugen heraus.

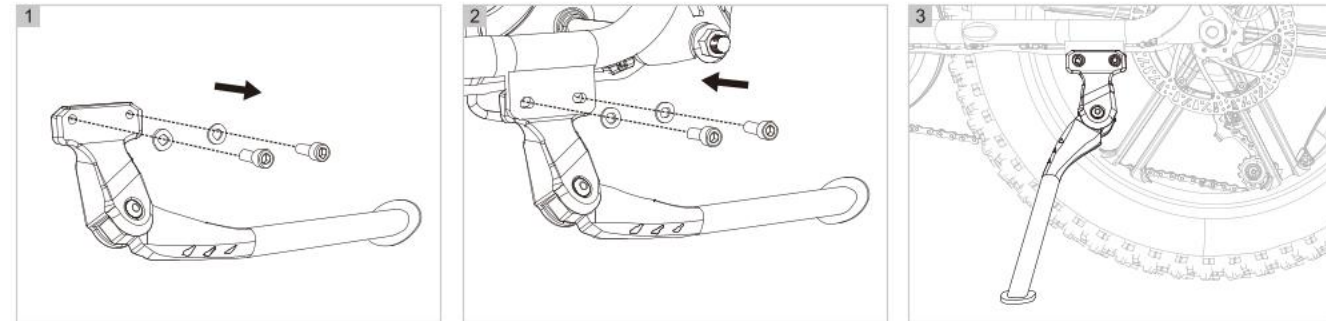
Schritt 2. Entfernen Sie das gesamte Verpackungsschaum und das Band.** (Seien Sie vorsichtig, wenn Sie Scheren verwenden.)

Schritt 3. Den Ständer installieren.

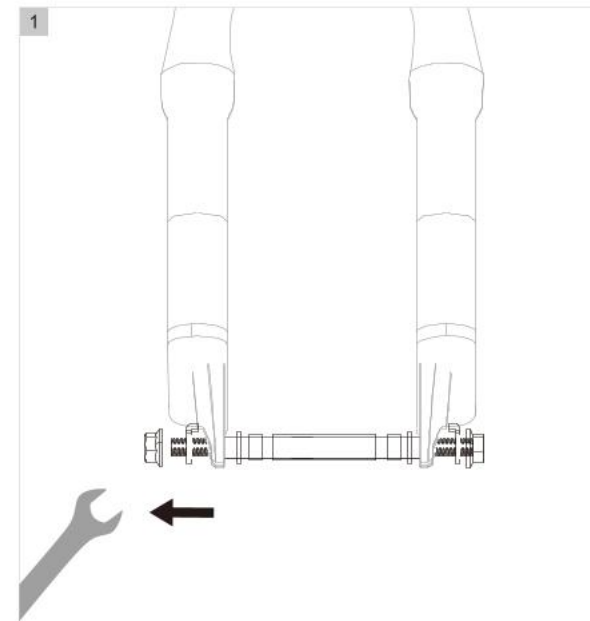
1- Verwenden Sie einen 5-mm-Inbusschlüssel, um die beiden Schrauben am Ständer zu entfernen.

2- Setzen Sie den Ständer von hinten am Rahmen an, richten Sie ihn mit den Schraubenlöchern im Rahmen aus, fixieren Sie die Schrauben vor und ziehen Sie sie mit dem 5-mm-Inbusschlüssel fest. (Hinweis: Halten Sie das Motor-Kabel über dem Teil des Ständers, das am Rahmen befestigt wird.)

3- Senken Sie den Ständer ab, um das E-Bike zu stabilisieren.

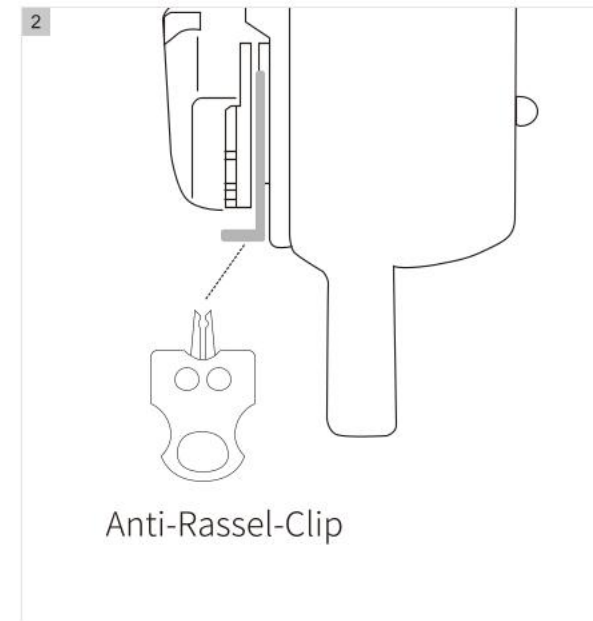


Schritt 4. Vorderrad installieren.



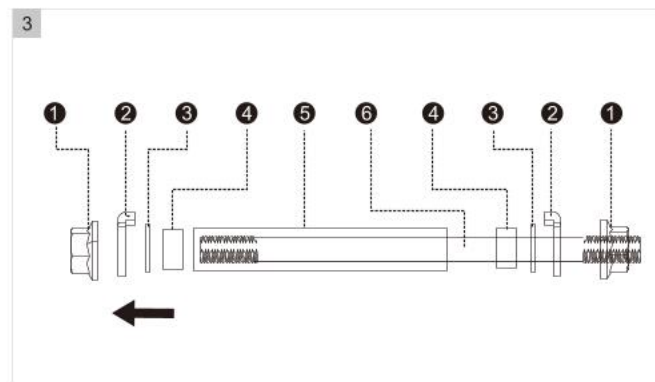
1- Verwenden Sie einen 15-mm-Schlüssel, um die Schrauben auf beiden Seiten zu lösen und die Vordergabelachse zu entfernen.

Hinweis: Die Zubehörteile an der Vordergabelachse sind für die Installation des Vorderrads erforderlich!

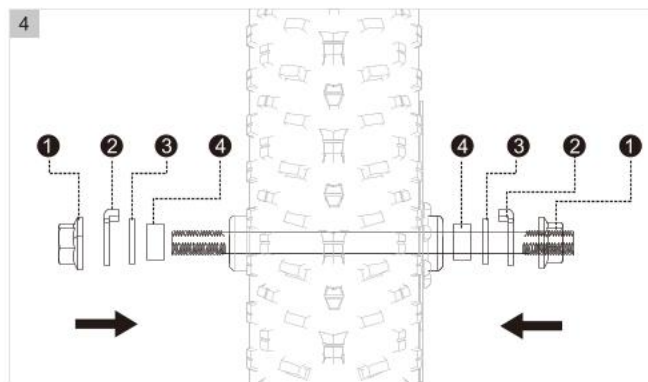


2- Entfernen Sie den **Anti-Rassel-Clip** von der Bremszange.

Hinweis: Dies ist Verpackungsmaterial und kann entsorgt werden.



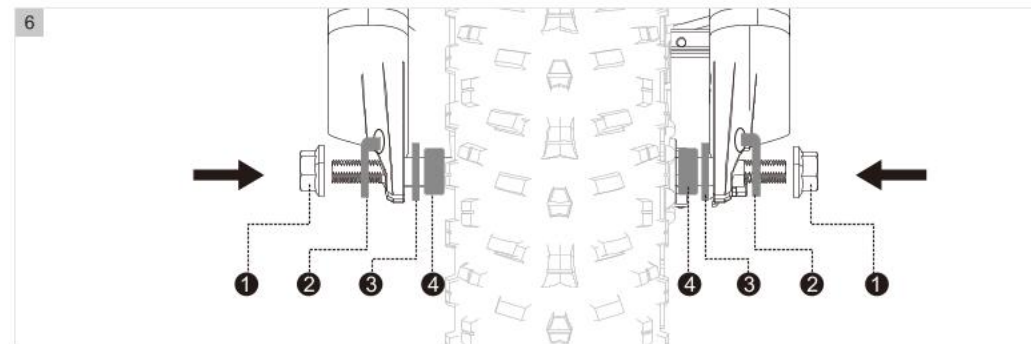
3- Schrauben Sie eine der Seitenschrauben ab, entfernen Sie dann **2** den Sicherheitsbügel, die **3** Flachscheibe und die **4** Hülsebuchse. Hinweis: Entfernen Sie die **5** lange Hülse (Diese lange Hülse ist Verpackungsmaterial und kann entsorgt werden).



4- Setzen Sie die **6** Achse der Vorderradgabel in die Nabe des Vorderrads ein, und montieren Sie der Reihe nach die **4** Hülse, die **3** flache Unterlegscheibe und den **2** Sicherungshaken. Ziehen Sie die **1** Schraube fest. Hinweis: Aus Sicherheitsgründen ist die Reihenfolge der Montage strikt einzuhalten.

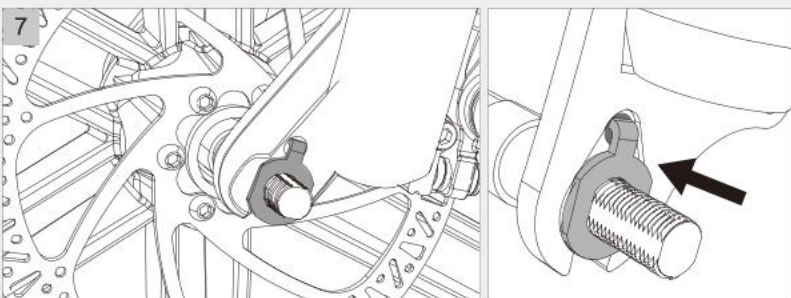
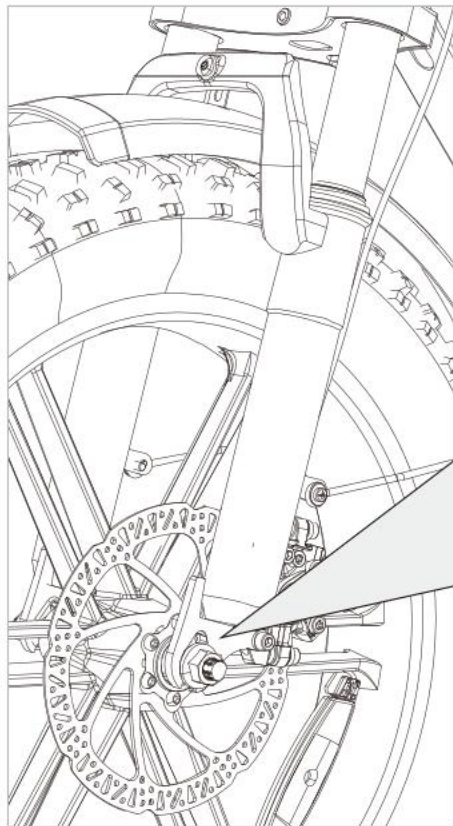


5- Achten Sie auf den Spalt in der Mitte des Bremsscheibenlayouts.



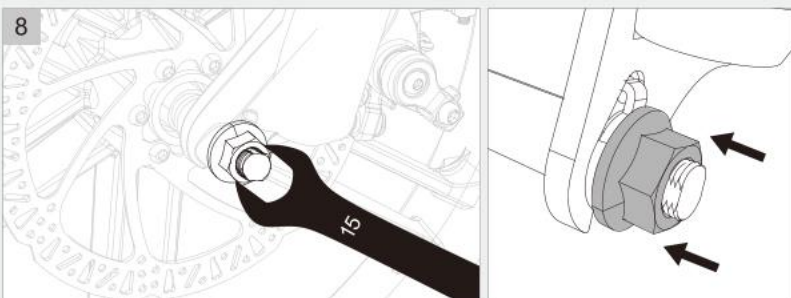
6- Montieren Sie das Vorderrad an die Vorderradgabel.

⚠ Hinweis: Achten Sie darauf, dass die Gabelbeine korrekt ausgerichtet sind und dass sich die **4** Hülse und die **3** flache Unterlegscheibe innerhalb der Gabel befinden.



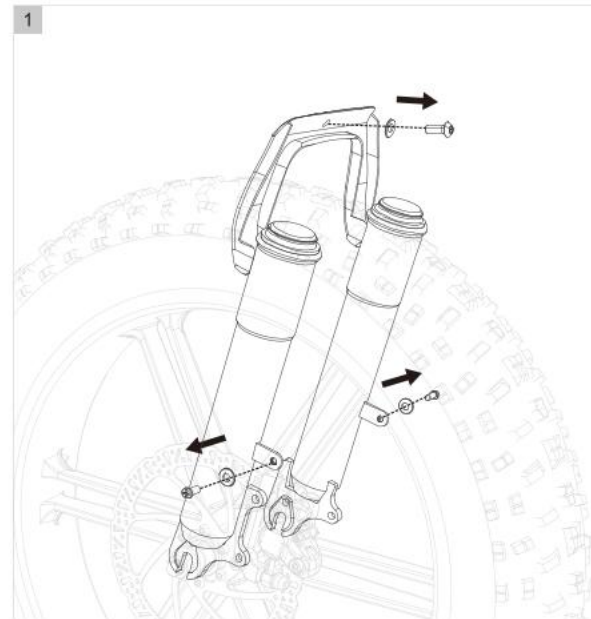
7- Befestigen Sie den Sicherungshaken an der Vorderradgabel.

⚠ Der Sicherungshaken muss in das Befestigungsloch der Gabel eingesetzt werden.

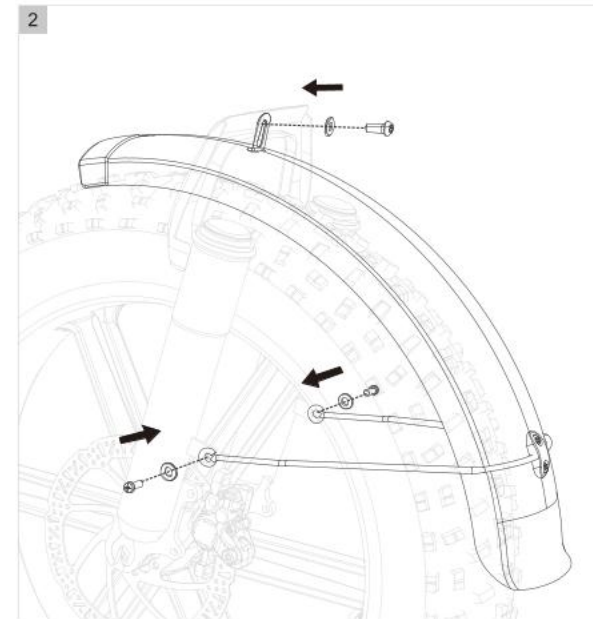


8- Verwenden Sie einen 15-mm-Schlüssel, um die Schrauben auf beiden Seiten festzuziehen. Nachdem die Schrauben angezogen wurden, stellen Sie sicher, dass die Achse auf beiden Seiten leicht herausragt – wie in der Abbildung gezeigt.

Schritt 5. Installieren Sie das vordere Schutzblech.

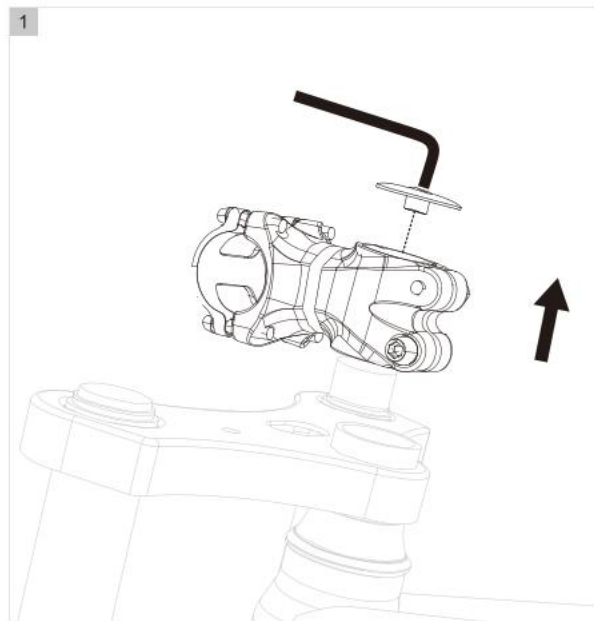


1- Verwenden Sie den 4mm-Innensechskantschlüssel, um die drei Schrauben an der Vorderradgabel zu lösen.

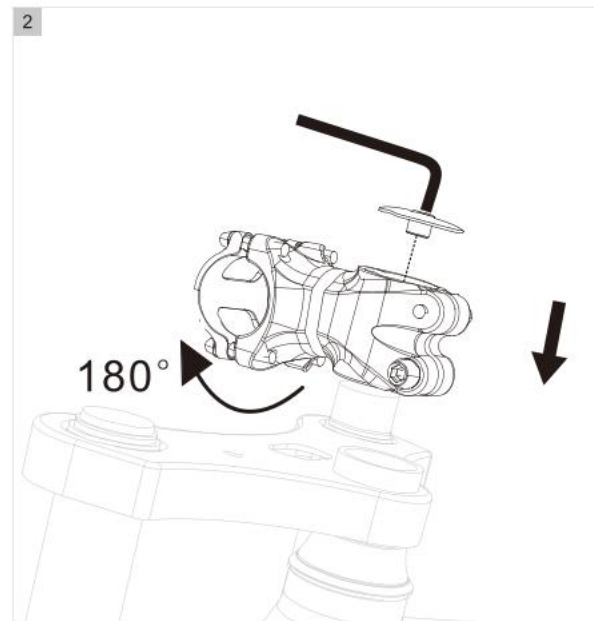


2- Setzen Sie das Schutzblech von hinten hinter das Rad, ziehen Sie die oberen Schrauben mit einem 4mm-Innensechskantschlüssel fest und verriegeln Sie dann die Schrauben an beiden Seiten der Halterung.

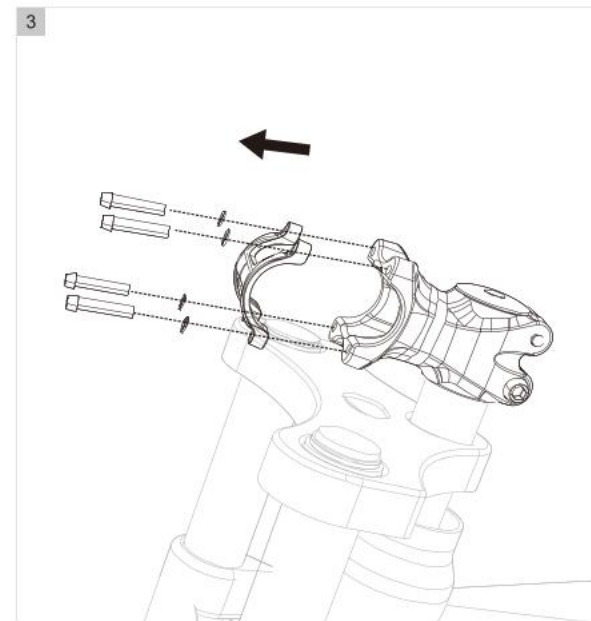
Schritt 6. Installieren Sie den Lenker.



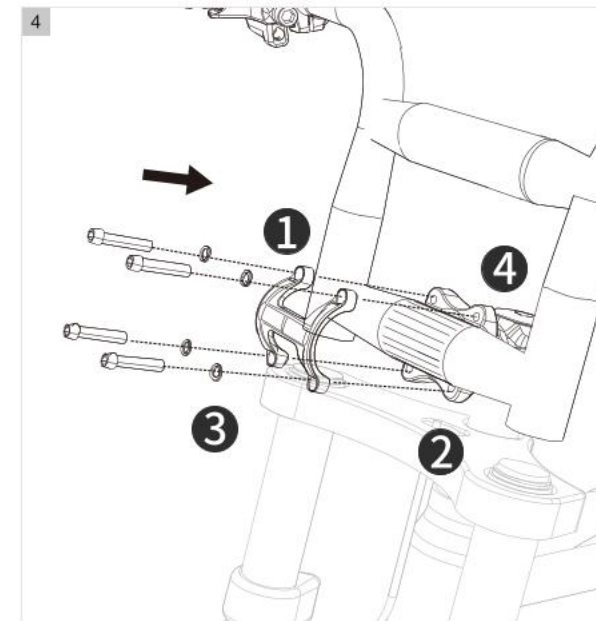
1- Entfernen Sie die Aluminium-Oberste Schraube mit einem 5-mm-Inbusschlüssel, lösen Sie die Schraube des Vorbau und entfernen Sie den Vorbau.



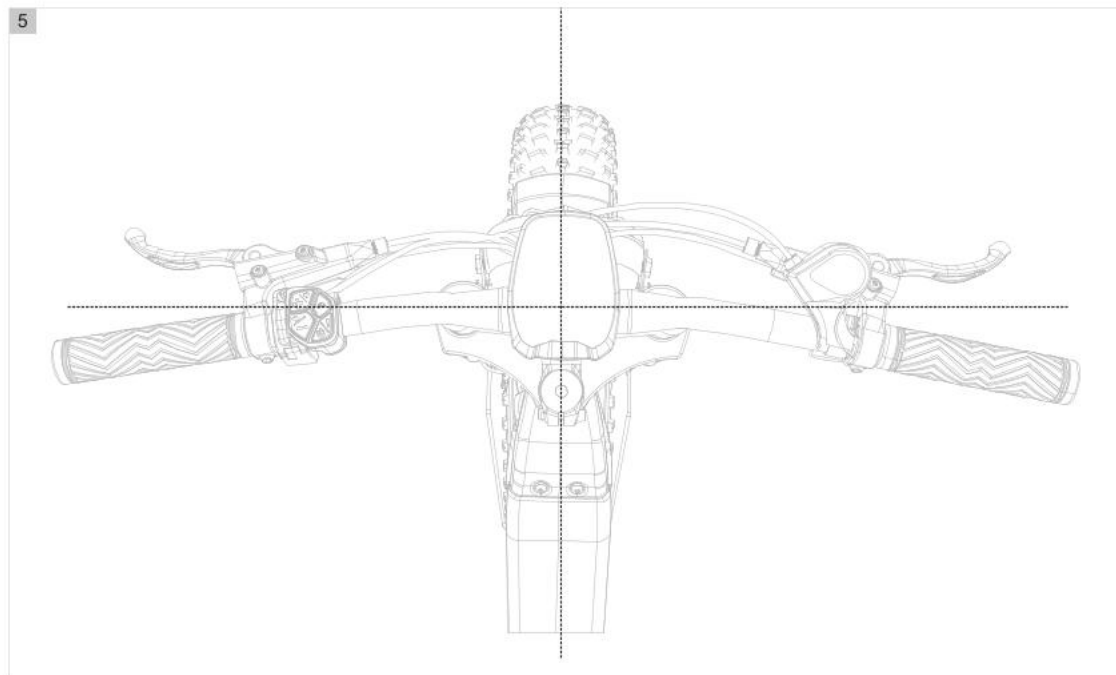
2- Drehen Sie den Vorbau um 180° und ziehen Sie die Aluminium-Oberste Schraube fest; ziehen Sie die Vorbau-Schrauben vor, ohne sie vollständig anzuziehen.



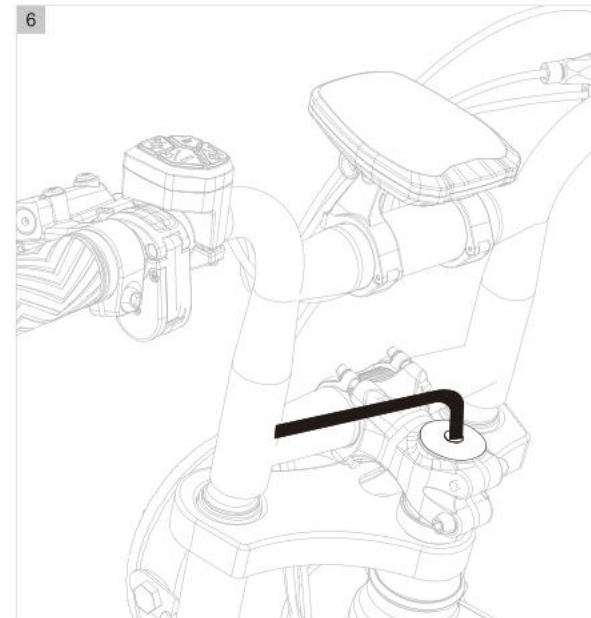
3- Verwenden Sie einen 4-mm-Inbusschlüssel, um die Vorbau-Schrauben zu entfernen.



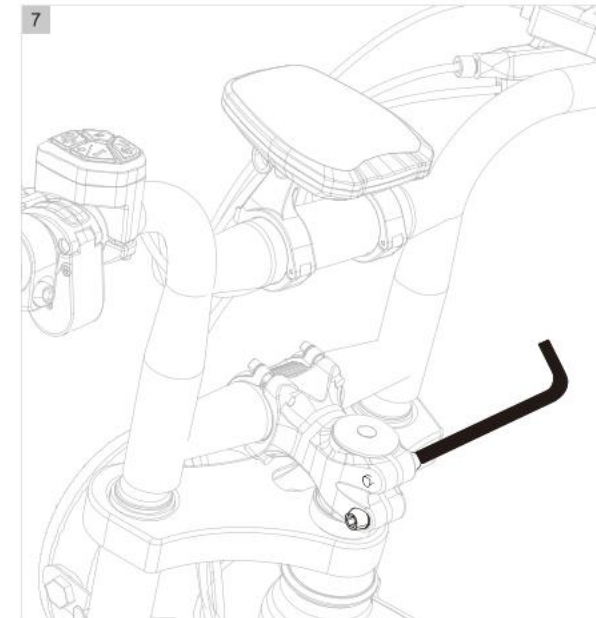
4- Setzen Sie den Lenker auf, den Druckblock, die Riffelung des Lenkers sollte in der Mitte platziert werden, die Schrauben diagonal anziehen.



5-Nachdem der Lenker installiert ist, stellen Sie den Winkel des Lenkers ein, fixieren Sie das Vorderrad und drehen Sie den Lenker so, dass der Lenker senkrecht zum Vorderrad steht.

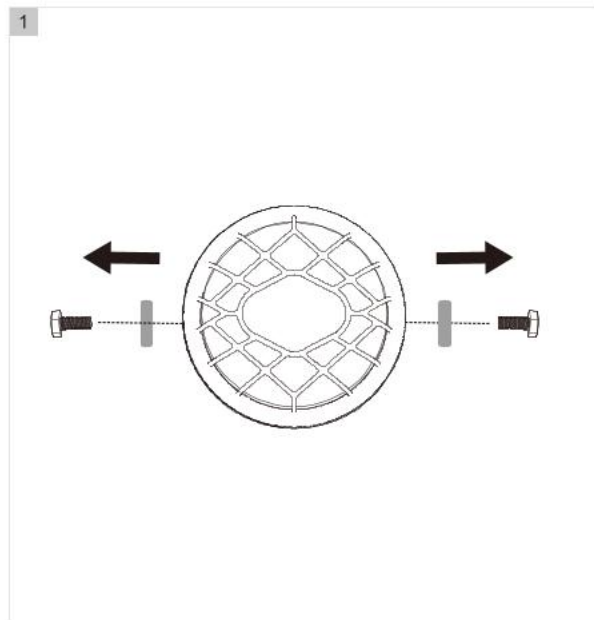


6- Ziehen Sie die Aluminium-Ober Schraube mit einem 5-mm-Inbusschlüssel fest.

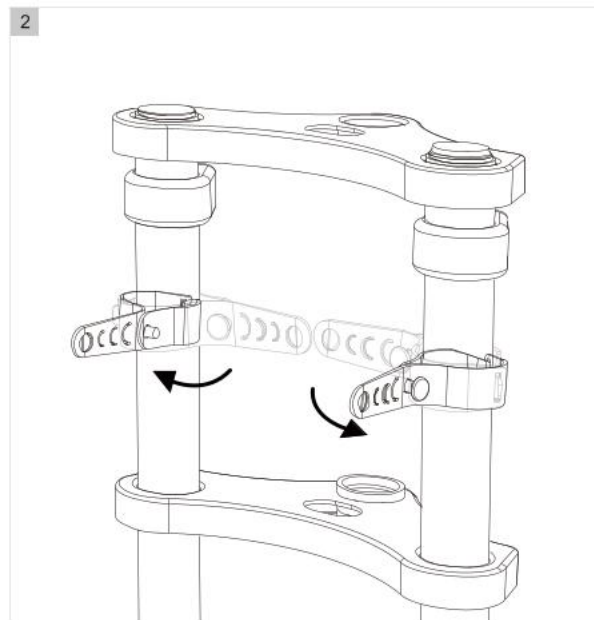


7- Ziehen Sie die Steigungs-Schrauben mit einem 5-mm-Inbusschlüssel fest.

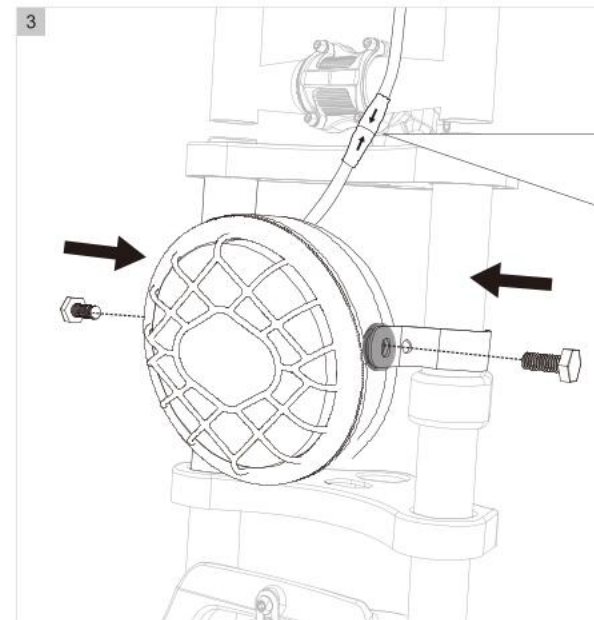
Schritt 8. Installieren Sie das Vorderlicht.



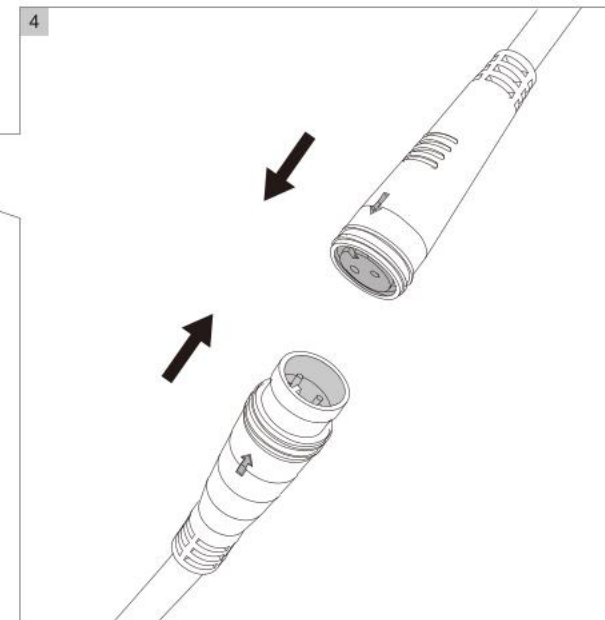
1- Verwenden Sie einen 14mm-Schlüssel, um die Schrauben und Schaumstoffpolster von beiden Seiten des Vorderlichts zu entfernen.



2- Öffnen Sie die beiden Halterungen am Vorderlicht.

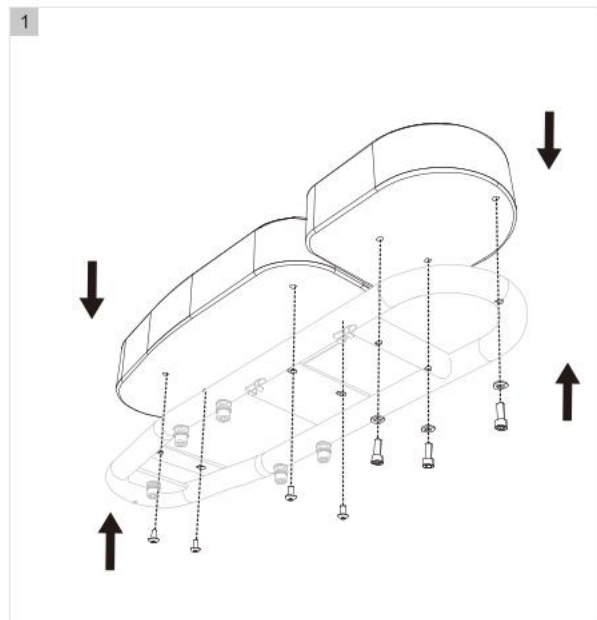


3- Platzieren Sie das Vorderlicht mit den Schaumstoffpolstern zwischen den Halterungen und dem Licht, und ziehen Sie dann die Schrauben fest.

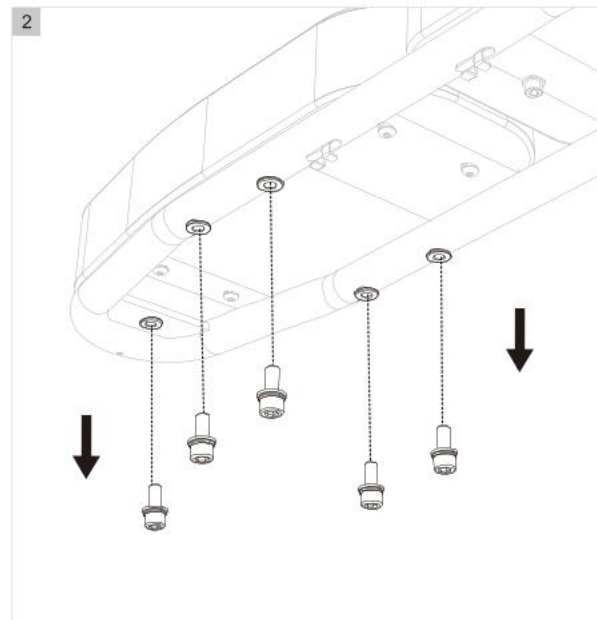


4- Verbinden Sie den Stecker des Vorderlichts: Richten Sie den roten Stecker am Vorderlicht mit dem roten Stecker auf dem Display, der mit einem Pfeil markiert ist, aus und drücken Sie sie fest zusammen.

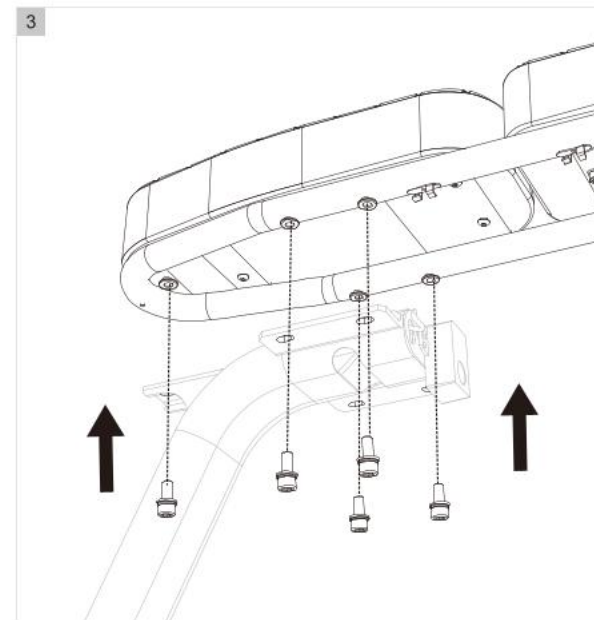
Schritt 9. Hintere Sitzpolster installieren.



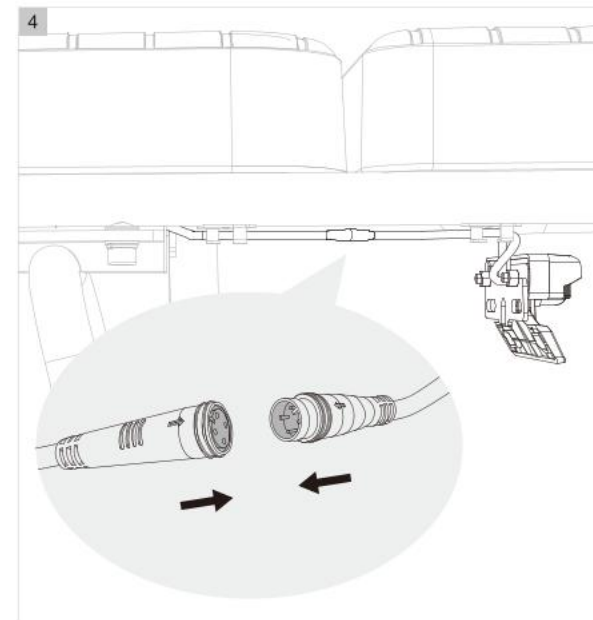
1- Richten Sie die Schraubenlöcher am Sattel mit den Montageschraubenlöchern am Rahmen aus und ziehen Sie sie mit 4-mm-Inbusschrauben fest. (Hinweis: Die vier Schrauben für den Vordersattel sind kürzer als die drei Schrauben für den Hintersattel.)



2- Verwenden Sie einen 6-mm-Inbusschlüssel, um die fünf Befestigungsschrauben von der Sattelstütze zu entfernen.



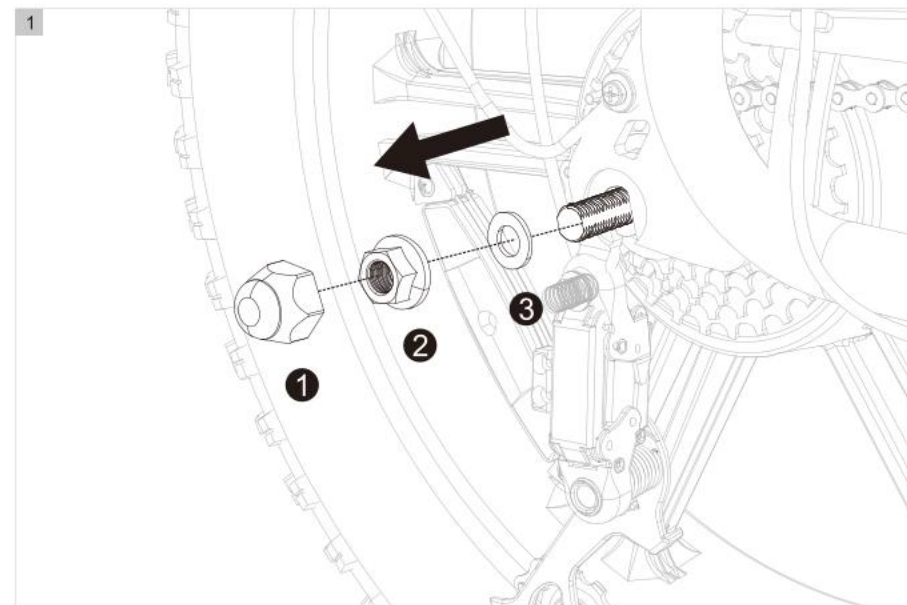
3- Setzen Sie den Sattel auf den Rahmen, richten Sie die Schraubenlöcher aus und ziehen Sie die Schrauben mit einem 6-mm-Inbusschlüssel fest.



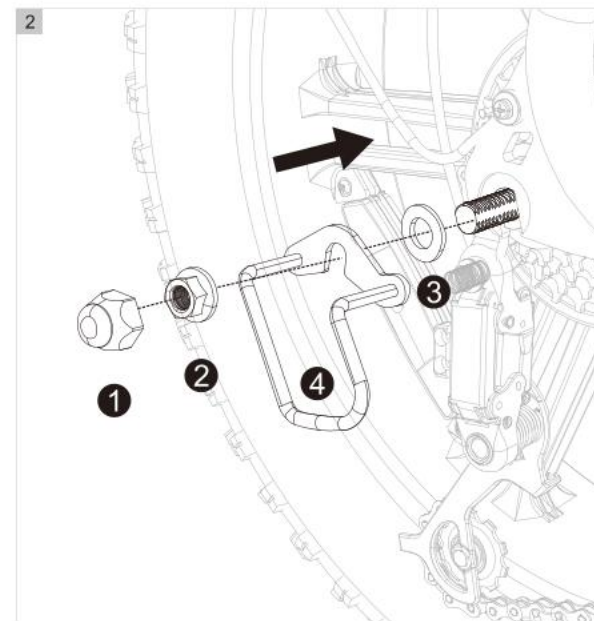
4-Schließen Sie den Stecker des Rücklichts an: Richten Sie den blauen Stecker des Rücklichts mit dem blauen Stecker am Rahmen aus und drücken Sie beide fest zusammen.

Schritt 10. Schaltwerksschutz installieren.

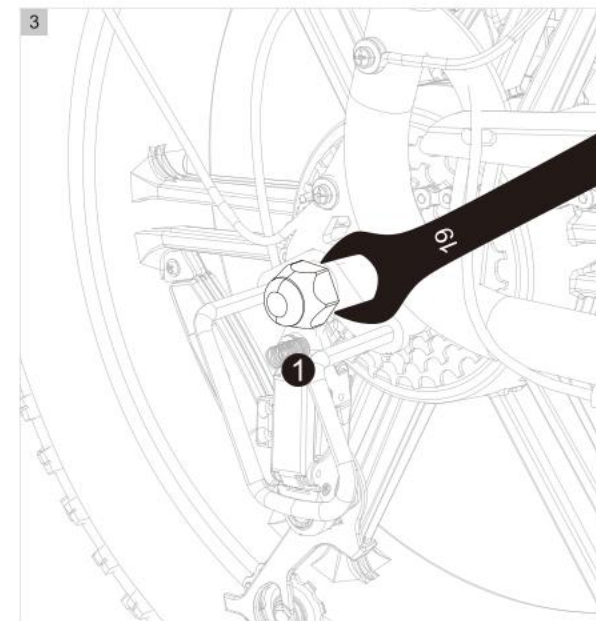
WARNUNG: Jeder kleine Fehler kann zu ernsthaften Schäden an Ihrem Motor führen. Ein nicht richtig gesicherter Motor kann den Verlust der Kontrolle, Unfälle, schwere Verletzungen oder sogar den Tod zur Folge haben.



1-Verwenden Sie einen 19-mm-Maulschlüssel, um die ❶ Hutmutter, die ❷ Bundmutter und die ❸ Unterlegscheibe vom Rahmen zu entfernen.

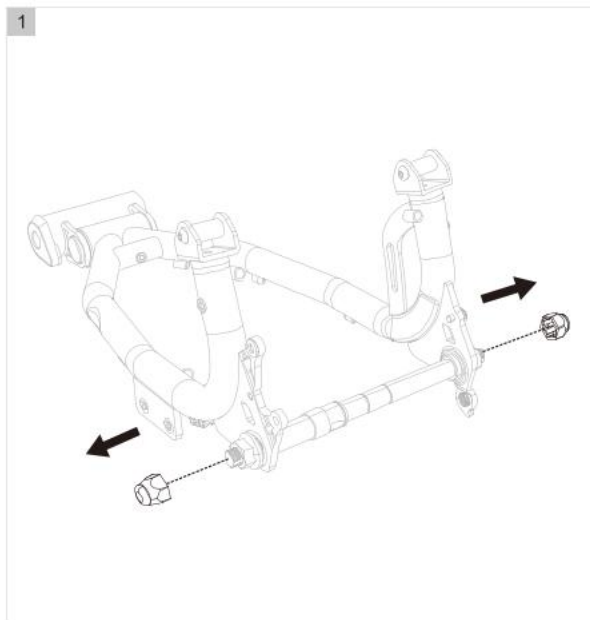


2-Montieren Sie anschließend die ❸ Unterlegscheibe, den ❹ Schaltwerksschutz, die ❷ Bundmutter und die ❶ Hutmutter in dieser Reihenfolge. (Hinweis: Der Schlitz am Schaltwerksschutz muss nach unten zeigen.)

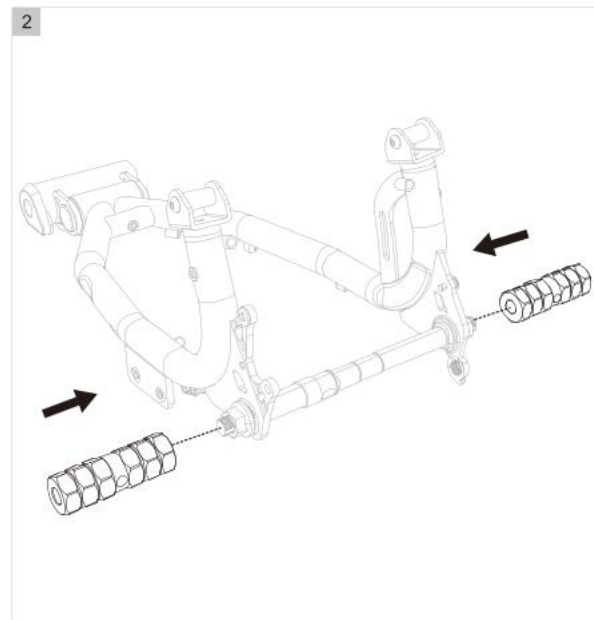


3- Ziehen Sie schließlich die ❶ Kappe mit dem Schraubenschlüssel fest.

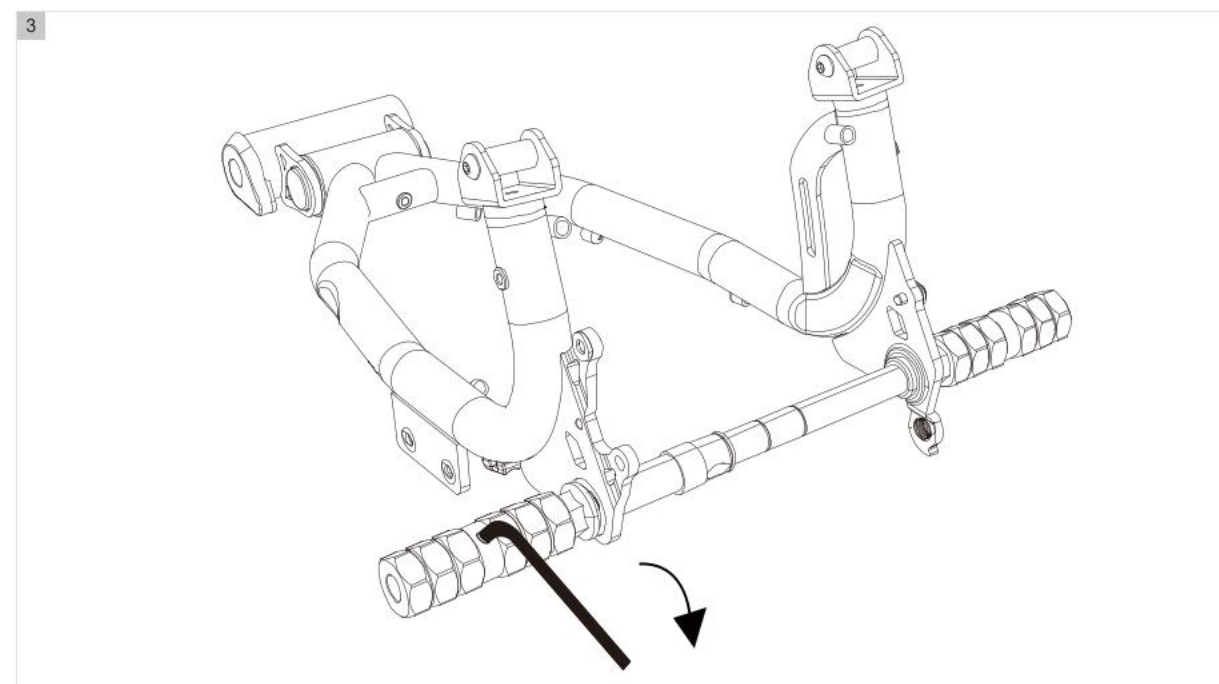
Schritt 11. Hintere Fußrasten installieren.



1- Verwenden Sie einen 19-mm-Ringschlüssel, um die Muttern auf beiden Seiten des Hinterrads zu entfernen.



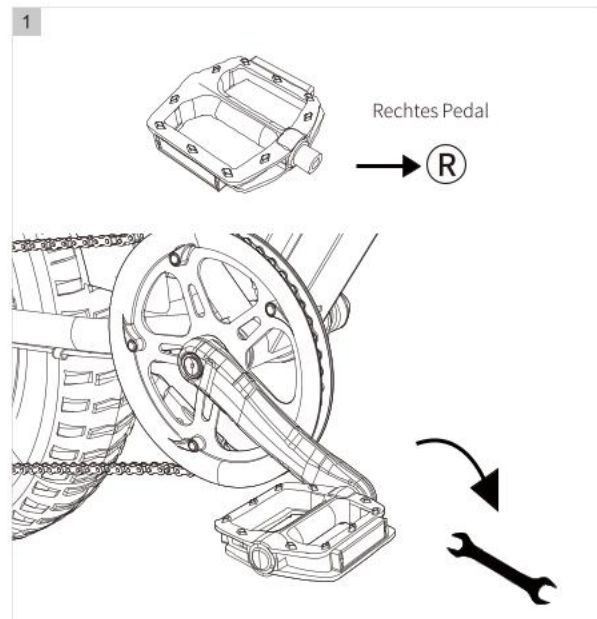
2- Befestigen Sie die hinteren Fußrasten.



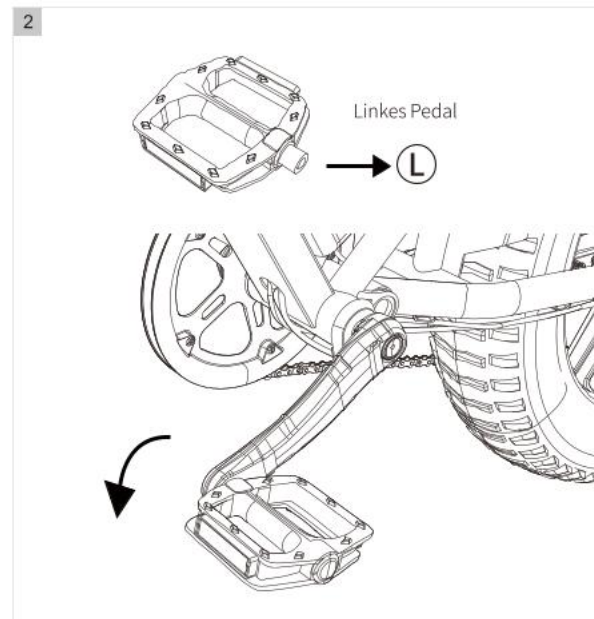
3- Verwenden Sie einen Inbusschlüssel, um beide Fußrasten sicher festzuziehen.

Schritt 12. Installieren Sie die Pedale.

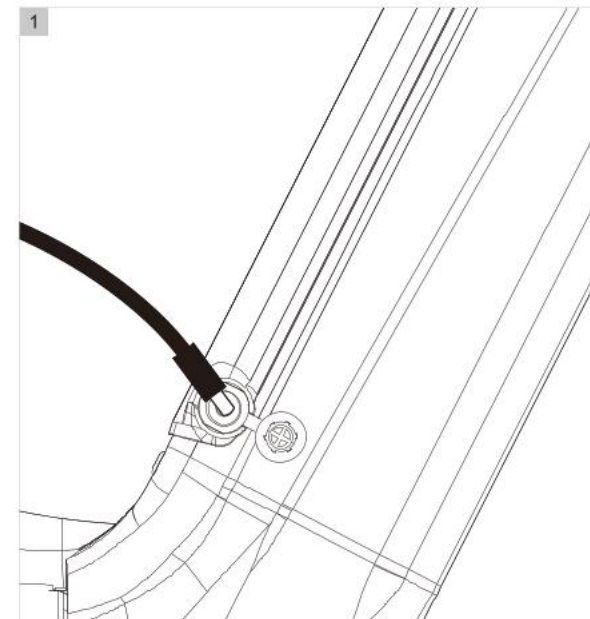
Hinweis: Das "R" auf der Innenseite der Pedalachse steht für das rechte Pedal, während das "L" für das linke Pedal steht.



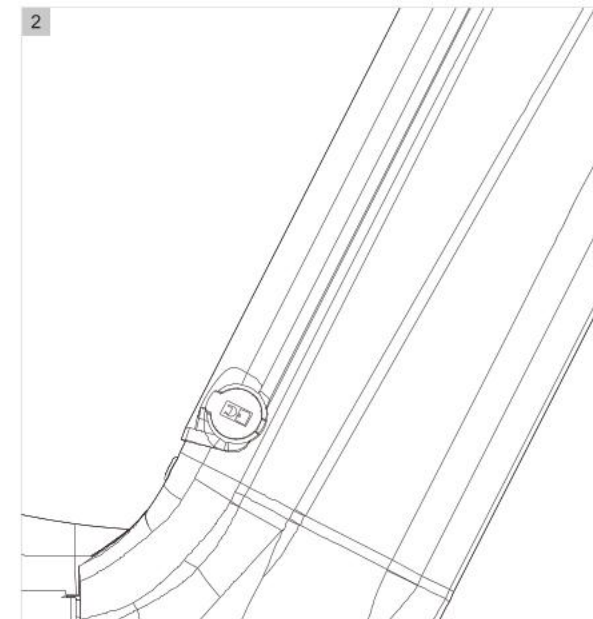
1-Das Pedal mit dem Buchstaben "R" wird auf der rechten Seite montiert und im Uhrzeigersinn mit einem 15mm-Schlüssel festgezogen.



2-Das Pedal, das mit "L" gekennzeichnet ist, wird auf der linken Seite montiert und gegen den Uhrzeigersinn mit einem 15mm-Schlüssel festgezogen.

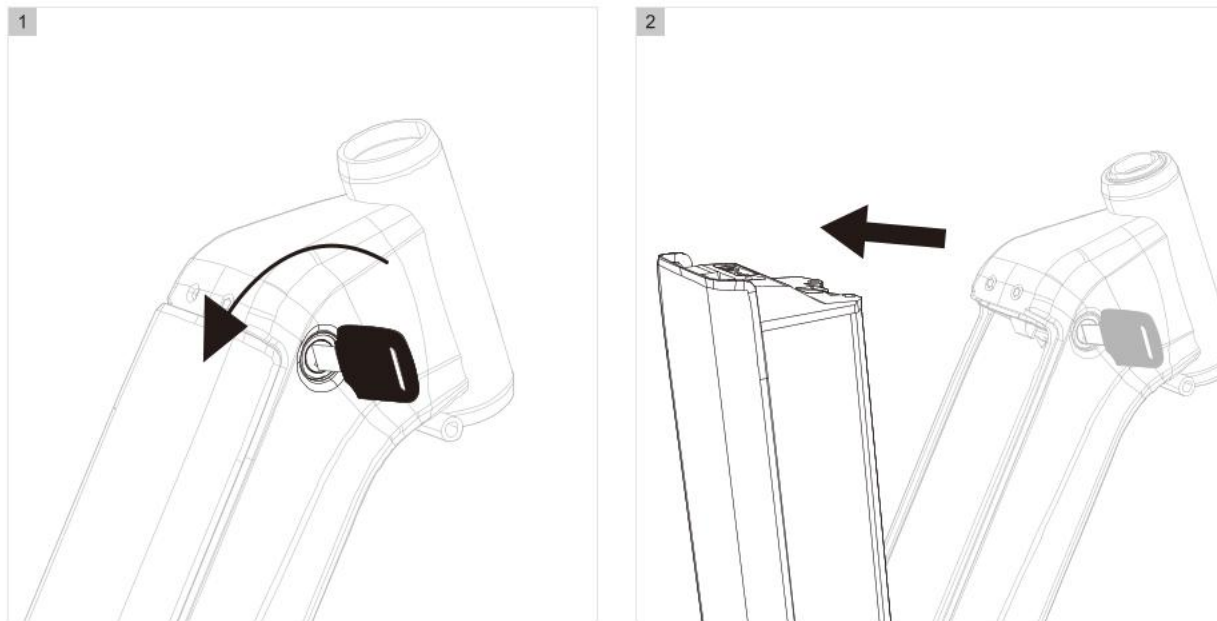
Schritt 13. Demonstration zur Verwendung des Ladeanschlusses.

1-Öffnen Sie den staubdichten Stecker, stecken Sie den Gleichstromstecker des Adapters in den Ladeanschluss.

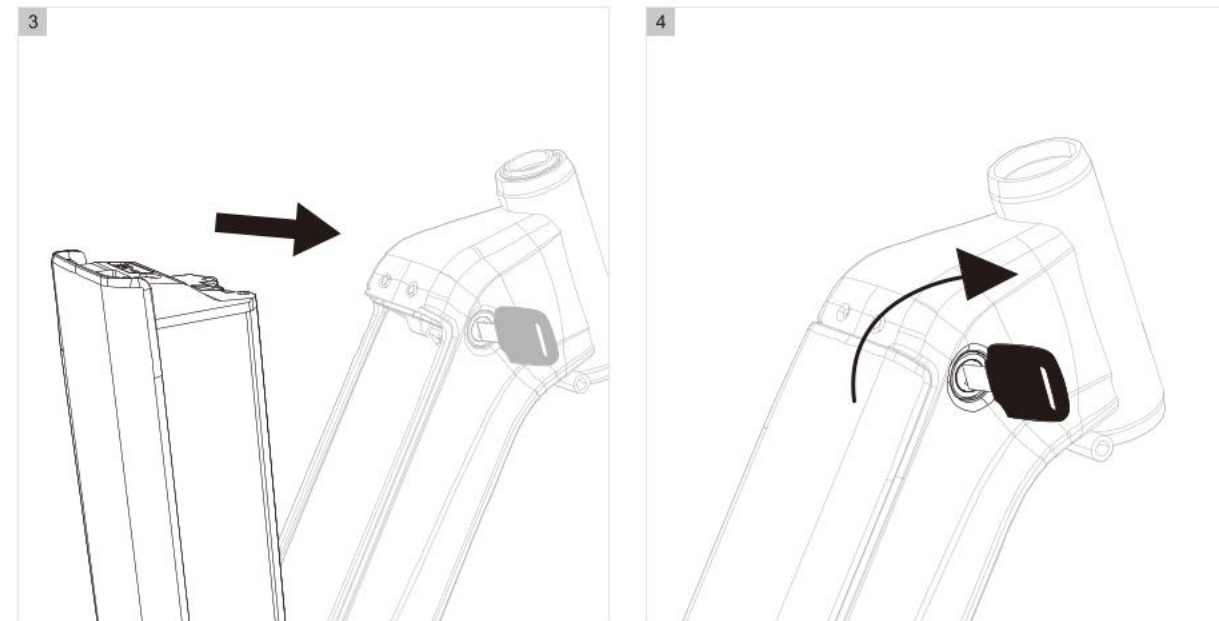


2-Nach Gebrauch ziehen Sie den Adapter heraus und setzen den staubdichten Stecker wieder ein.

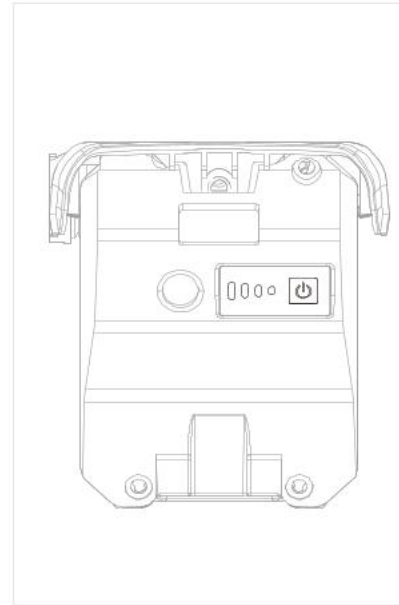
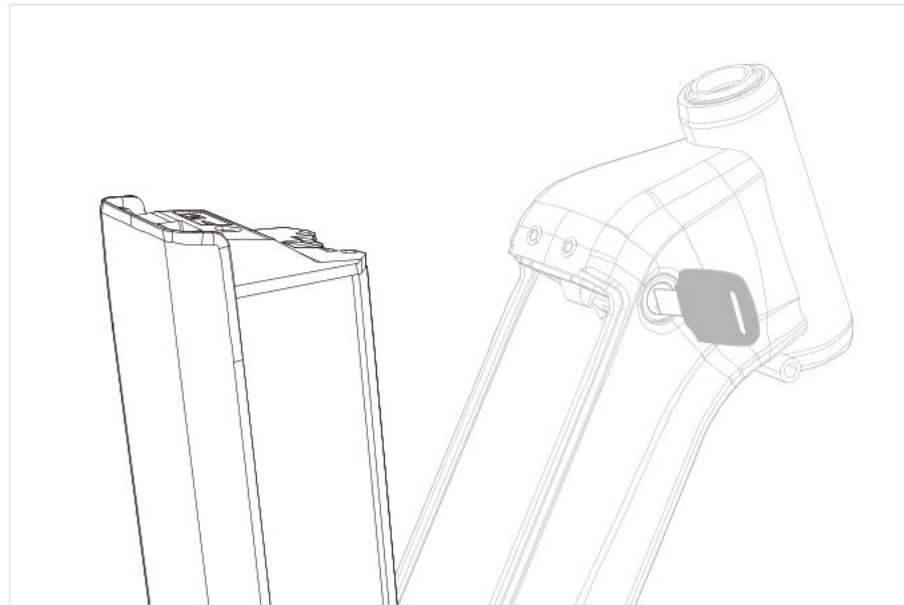
Schritt 14. Demonstration der Nutzung des Batterierschlusses.

**Batterie entfernen:**

1-2: Stecken Sie den Schlüssel ein, drehen Sie ihn gegen den Uhrzeigersinn, um das Batterierschloss zu entriegeln, und entfernen Sie die Batterie.

**Batterie installieren:**

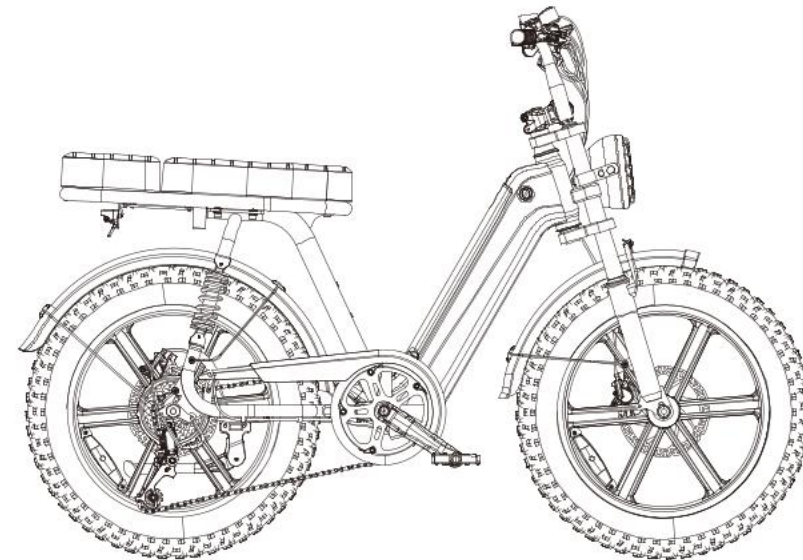
3-4: Nachdem Sie die Batterie eingesetzt haben, drehen Sie den Schlüssel im Uhrzeigersinn, um die Batterie zu verriegeln, dann können Sie den Schlüssel herausnehmen.

Schritt 15. Batterie und Display überprüfen.

Halten Sie den Power-Knopf, der im Bild gekennzeichnet ist, gedrückt, um das E-Bike und die Batterie einzuschalten. Eine LED auf der Batterie wird aufleuchten.
 Rotes Licht bedeutet, dass der Batteriestand bei 0%-10% liegt.
 Grünes Licht bedeutet, dass der Batteriestand bei 90%-100% liegt.

Schritt 16. Reifen aufpumpen.

Stellen Sie sicher, dass die Reifen und Reifenwülste gleichmäßig auf den Felgen sitzen. Stellen Sie den Reifendruck mit einer Pumpe, die mit einem A/V-Ventil und einem Manometer ausgestattet ist, auf MAX 20 PSI ein. PUMPE DEN REIFEN NICHT ÜBERMÄßIG AUF UND UNTERLASSEN SIE DAS UNTERAUFBAUEN.



Fehlererkennung

Das R7 verfügt über ein Fehlererkennungssystem, das in das Display und den Controller integriert ist. Wenn das elektronische Steuersystem ausfällt, wird ein Fehlercode angezeigt. Diese Fehlercodes sind die häufigsten und können bei der Fehlersuche helfen. Es wird empfohlen, den Betrieb Ihres E-Bikes sofort einzustellen und uns zu kontaktieren, wenn ein Fehlercode angezeigt wird.

Fehlercode	Definition
E0	Stromversagen
E1	Drehmomentsensorfehler
E2	Kommunikationsfehler des Controller-Messgeräts
E3	Unterspannungsschutz
E4	Controller-Hochtemperatur
E5	Motorhallenfehler
E6	Motorstillstand
E7	Überstromschutz des Controllers
E8	Überhitzungsschutz des Motors
E9	Überspannungsschutz der Batterie

Zusätzliche Informationen zur Abnutzung

Im Vergleich zu Fahrrädern ohne elektrische Unterstützung unterliegen die Komponenten des R7 einer höheren Abnutzung. Dies liegt daran, dass der R7 mit höheren Geschwindigkeiten fahren kann und ein höheres Gewicht als reguläre Fahrräder hat. Eine höhere Abnutzung ist kein Mangel am Produkt und wird nicht durch die Garantie abgedeckt. Häufig betroffene Komponenten sind Reifen, Bremsbeläge, Bremsscheiben, Speichen, Räder und Batterien.



Wenn die Nutzungsdauer eines Bauteils abgelaufen ist, kann es unerwartet seine Funktion verlieren. Dies kann zu schweren Verletzungen oder sogar zum Tod führen. Achten Sie daher auf Merkmale wie Risse, Kratzer und Veränderungen in der Farbe oder im Betrieb von Bauteilen, die darauf hinweisen könnten, dass ihre Nutzungsdauer abgelaufen ist. Ersetzen Sie abgenutzte Bauteile sofort. Ein erfahrener, seriöser E-Bike-Mechaniker sollte konsultiert werden, wenn Sie mit der regelmäßigen Wartung nicht vertraut sind.

SCHNELLSTARTANLEITUNG

