Website: www.glewel.com
Email: support@glewel.com
Manufacturer:
Myatu Europe Intelligent Technology Sp.Z.O.O
Add:Prologis Park Wroclaw 1, building
DC 1 A, Magazynowa 1 street
55-040 Bielany Wroclawskie, Poland

MADE IN POLAND

CE RoHS FC

GLEWEL

ELECTRIC BIKE
OWNERS MANUAL

Welcome to GLEWEL

Thank you for choosing a Glewel Electric Bike!
Nothing beats the joy of riding! We want you to get out there and have fun. But, first... please read the manual.
If you have questions after reading this guide visit the support section of our website or email us at support@glewel.com

Contact us for help here:

Website: www.glewel.com
Email: support@glewel.com

THIS INSTRUCTION GUIDE CONTAINS IMPORTANT SAFETY AND PERFORMANCE INFORMATION.
Please read this guide thoroughly before you take your first ride on your new GLEWEL electric bike and keep it nearby for reference.

This instruction guide applies to all GLEWEL Electric Bikes.

Visit www.glewel.com for updates and the latest copy of this manual.

- The triangular caution symbol accompanies notices that require special attention.
- Users should also pay special attention to information in bold or beginning with NOTICE.

Table of Contents

1.Read Before Your First Ride

1.1 Safe Operating Tips

- Even if you are an experienced bike rider, all riders should read and understand this manual before using an electric bike. For your safety and to avoid serious injury or death, please closely review the following safety tips for safe operation of your GLEWEL Electric Bike.
- Always wear an approved helmet whenever riding this product. Failure to wear a helmet when riding may result in serious injury or death.
- Inspect the bike before each use, making sure the correct setup and tightening is done on your bike before using it for the first time. Check the brake function, handlebar grips, tightening and lubricating components regularly.
- Check the operation of the brake motor cutoff before each ride. The brake system, when properly functioning cuts off power to the motor whenever the brakes are squeezed.
- The pedal assistance function on electric bikes can be unfamiliar for first time riders. Ensure you understand and are prepared for the assistance sensor to engage the motor once pedaling begins. A pedal assist sensor (PAS) signals the controller to run the motor providing a boost to your pedaling depending on the level of assist you select while riding.
- Always use the lowest pedal assist level, or lightest throttle, until you are comfortable with the bike and feel confident with the equipment.
- Users must travel at speeds appropriate for the usage area, riding conditions, and experience level.
- Off-road biking presents varied terrain that requires attention and skill. Wear safety gear and do not ride alone on isolated trails. Check local rules and regulations to see if off-road riding of the electric bike is allowed.

- In the event of a collision or presumed damage, you must consider your bike unsafe to ride until a comprehensive inspection of all components, functions, and operations of the bike can be made by a certified, reputable bike mechanic.
- Only transport bikes with hitch racks, trunk racks, roof racks and rails rated for the size and weight of your bike. Because electric bikes are significantly heavier than regular bikes, they are not intended for large jumps or stunts of any kind. Bike frames and parts have limitations, and extreme riding should not be performed. GLEWEL assumes no liability for any accident, injuries, or property damage incurred as a result of rider's use or misuse of GLEWEL bicycles, including any damages resulting from or arising out of off-road usage.
- Do not operate the bike without the battery installed.
- Proper installation, compatibility, operation, and maintenance must be performed on all components. Failure to comply could result in serious injury or death.
- Any aftermarket changes or modifications to your bike could void the warranty and create an unsafe riding experience. Take extra precaution when riding in wet conditions. Decrease speeds and prepare for increased braking distance. Pedals and grips will be slippery in wet conditions.
- It is your responsibility to understand the local regulations of operating this product in the area(s) where you ride.
- NEVER operate your bicycle when you are under the influence of alcohol or drugs, including prescribed or over the counter medications.
- Failure to properly charge, store, or use your battery will void the warranty and may cause a hazardous situation.

- Failure to perform and confirm proper installation, compatibility, proper operation, or maintenance of any c omponent or accessory can result in serious injury or death.
- Extreme care should be taken when using the pedal assistance sensor on this product. Ensure you understand and are prepared for the power assistance to engage as soon as pedaling is underway.
- Users must understand the operation of the pedal assistance sensors before using the bike and must take care to travel at speeds appropriate for the usage area, riding conditions, and user experience level. Always use the lowest assist level until you are comfortable with the bike and feel confident in controlling the power.
- If you have an impairment or disability such as visual impairment, hearing impairment, physical impairment, cognitive/language impairment, and/or a seizure disorder, consult your physician before riding our bikes.
- Be careful to keep your body parts and other objects away from the sharp teeth of chain rings, moving chain, turning pedals and crank, and the spinning wheels of your bicycle. Do not remove any reflectors or the bell.

SAVE THESE INSTRUCTIONS

1.2 Assembly Tips

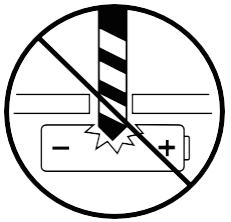
- Correct assembly and fit are essential elements of ensuring your electric bike's safety and proper performance and we recommend seeking professional help from a reputable, certified bike mechanic to verify your bike is set up correctly. While you may have the skills, experience, and tools to assemble the bike before your first ride, GLEWEL recommends having a certified bike mechanic double check your work.

1.3 Local Laws

- Regulations related to the use and operation of electric bikes vary based on the country, state/province, county and municipality in which the rider may live. In many cases, the regulations for the use of an electric bike are the same as those for a standard bicycle.
  However, each jurisdiction may have laws regarding licenses and regulations of electric bikes, where you can ride, minimum rider age, or required equipment, such as helmets. It is the rider's responsibility to know the local regulations that apply to an electric bike and to obey them.

1.4 Aftermarket Modifications

- An electric bike has hidden wiring throughout the frame as well as other parts like the control unit and battery pack. When mounting accessories (such as a bottle cage), use appropriate fasteners. By using too long or pointed bolts, damage could be caused to internal components resulting in a short circuit and/or damage to the battery.



Do not drill through frame

1.5 Pre-Ride Check List

• Before every ride, please inspect the bike for the following:

SAFETY CHECK	STEPS INVOLVED
Brakes	• Confirm front and rear brakes work properly. • Check brake pads and rotors for wear and confirm they are not overworn. • Confirm brake pads are correctly positioned in relation to the rotors. • Confirm brake levers are lubricated and tightly secured to the handlebar. • Test that the brake levers are firm and that the brake-motor cutoff is working.
Wheels & Tires	• Confirm tires are inflated within the recommended limits posted on the tire sidewalls and hold air. • Confirm tires have good tread, have no bulges or excessive wear, and are not cracked. • Confirm rims spin true and have no obvious wobble. • Confirm all wheel spokes are not broken or loose. • Check axle nuts and front wheel quick release to confirm they are tight. Confirm the locking lever on the quick release skewer is correctly tensioned, closed, and secured.
Steering	• Confirm the handlebar and stem are aligned, correctly adjusted, tightened, and allow proper steering.
Bearings	• Check headset, wheel bearings, pedal bearings, and bottom bracket bearings. All should be lubricated, run freely, and not grind or rattle.
Pedals & Cranks	• Confirm pedals are securely tightened to the cranks. • Confirm the cranks are securely tightened and are not damaged.
Fork, Frame & Seat	• Check that the frame and fork are not bent, severely dented, or cracked. • If either frame or fork are bent or cracked, they should be replaced. • Check that the seat post quick release lever is securely tightened and that the seat does not spin or move.

SAFETY CHECK	STEPS INVOLVED
Derailleur & Cables	• Check that the derailleur is adjusted and functioning properly. • Confirm shifter and brake levers are attached to the handlebar securely. • Confirm all shifter and brake cables are properly lubricated. • Look over the connectors to make sure they are seated securely and free of debris or moisture. • Check cables and cable housing for clear signs of damage.
Motor, Chain	• Confirm motor is spinning smoothly and bearings are in good working order. • Confirm all power cables running to motor are secured and undamaged. • Make sure the motor axle bolts are secured. • Confirm the chain is clean, oiled, and runs smoothly. • Pay special attention if you live in a coastal or dusty climate the ensure the chain is oiled and clean.
Battery & Electrical Cables	• Confirm battery is well charged before riding. • Confirm there is no damage to battery and that it is locked secure. • Check connections to make sure they are fully seated and free from debris or moisture. • Check cables and cable housing for signs of damage. • Bike should be dry before riding.

- WARNING: Bike cables, spokes, and chains stretch with use. After a break-in period of 50-100 mi (80-160 km), have a certified, reputable bike mechanic tune-up your bike. Break-in distance is an estimate and depends on conditions such as temperature changes, total weight, and terrain.
- WARNING: Regular inspections and tune-ups are important to ensure that your electric bike remains safe and fun to ride.

1.6 Brakes, Quick Release, Tires

BRAKES

- Make sure the brakes are working with proper stopping power. The levers should stop short of touching the handlebar. Riding with improperly adjusted or worn brakes is dangerous and can result in injury or death. Keep brake surfaces clean and free from oil or lubricants. Replace worn brakes with authorized replacements.

QUICK RELEASE AND FASTENERS

- It is important to check that quick releases and nuts and bolts that keep your handlebar, seat post, and wheels in place are properly closed and tightened. Achieving correct tightening force is vital. Using too little force may result in the fastener not holding securely, while too much force may cause the fastener to strip threads, deform, or break. Incorrect tightening may result in component failure and cause loss of control and/or accidents. If you have any questions, please visit a certified bike repair shop for assistance.

TIRES

- The tire pressure should be checked before each use. Check the marked area on the sidewalls of the tire, which shows the minimum and maximum tire pressure, and make sure that the tire pressure is in the marked range. If the tire pressure is too low, the wheel may be damaged or the inner bike tube pinched, which may result in a flat tire. If the pressure is too high, the tire may come loose from the rim and potentially damage the bike or injure the rider and people close by.
  It is recommended to use a bike pump with built-in air pressure gauge to ensure that your tires always have the desired and correct tire pressure.

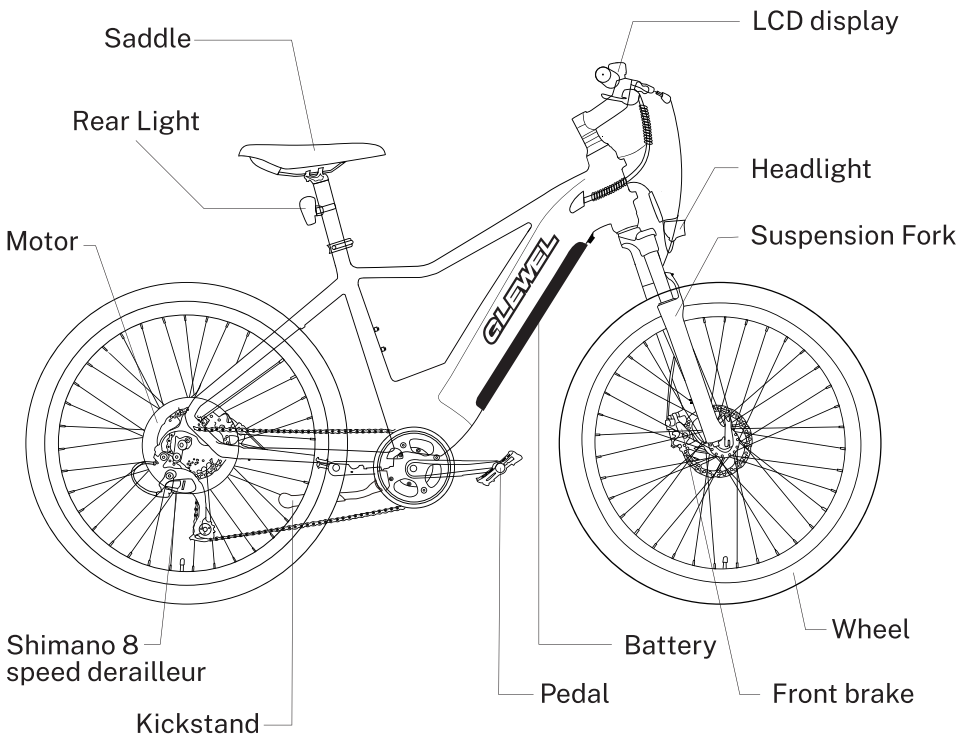
1.7 General Rules

FOR YOUR SAFETY, FOLLOW THESE BEST PRACTICES

- Obey all road and trail laws.
- Familiarize yourself with local electric bike regulations (sidewalks, et al) It is the user's responsibility to understand local ordinances.
- Be familiar with electric bikes, especially the pedal assist function.
- When riding, pay attention!
- Wear a helmet.
- Use appropriate hand signals.
- Do not use pedal assist around corners to avoid accidentally hitting the ground with a pedal and causing injury..
- Avoid potholes, wet leaves, oil spills, train tracks, and other obstacles.
- Cross train tracks at a 90-degree angle or walk your bike across.
- Give parked cars plenty of space.
- Use your voice and bell to pass other cyclists.
- Be seen and wear proper clothing for the environment.
- It is harder to stop a heavier bike.
- It is harder to stop in wet conditions.
- Avoid slamming on the front brake alone. Use back brakes in conjunction to avoid rollover.
- Electric bikes are not designed for jumps and stunts.
- Failure to adhere to this manual could void the warranty or cause bodily harm.

GLEWEL assumes no liability for failure to comply with the stated guidelines.

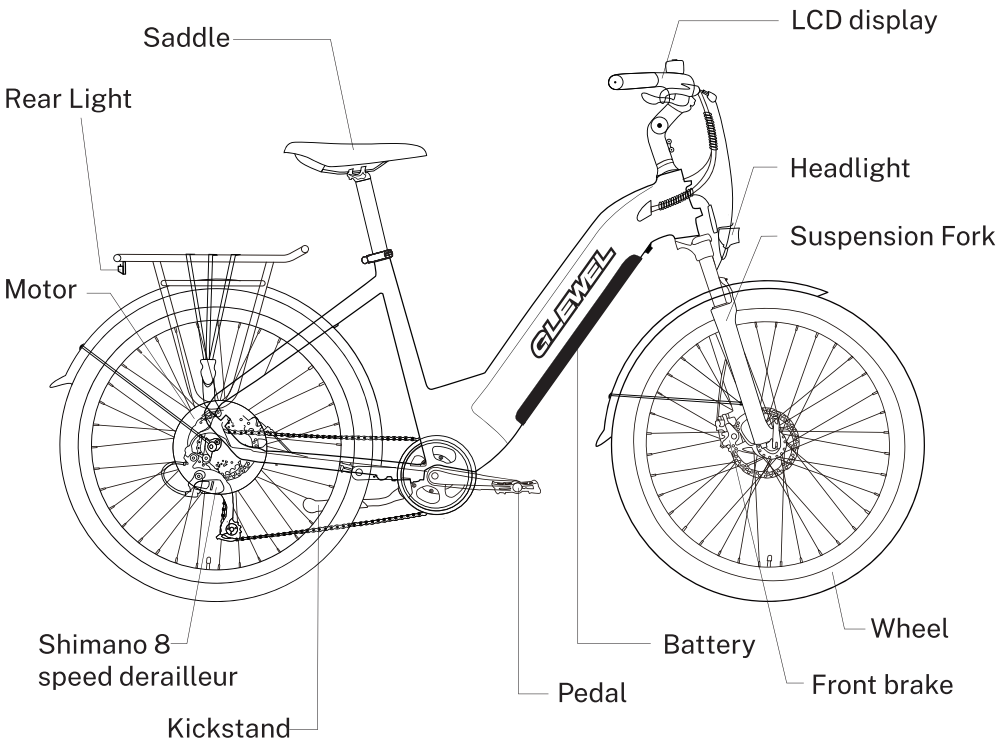
2.1 GLEWER



Specification

Indicators	Items	Parameters
Dimensions	Product size	182x68x107cm (71.7x26.8x42.1inch)
	Packing size	148x25x80cm(85.3x9.84x31.5inch)
Frame	Material	Aluminum
Motor	Type	Brushless
	Power	250W
Battery	Type	Lithium
	Capacity	36V 15.6AH
	Management	Balance, over-charge, under-voltage, overheating, automatic shutoff
	Watt hours	561.6WH
Derailleur	SHIMANO	8 speed
Display	Meter	LCD
Front fork	Front fork	Suspension front fork
Tire	Front tire	27.5”*2.1”
	Rear tire	27.5"*2.1"
Riding requirement	Suitable height	61.1-78.7inch(155 · 200cm)
	Load capacity	176-330lbs (80kg-150kg)
	Speed	25 km/h (15.5mph), based on terrain & rider weight
	Range	With PAS 65-85km
	Suitable terrain	Hard surface, flat road, ramp under 15°
	Working temp	0°C to 40°C
	Storage temp	-15°C to 45°C
Vehicle weight	Net weight	55lbs (25kg)
Charger	Input voltage	100-240V, 50/60HZ
	Output voltage	42V, 3A
	Charging time	5.5-6.5 hours

2.2 GLEWER Step-Thru



Specification

Indicators	Items	Parameters
Dimensions	Product size	186x64x114cm(73.2x25.2x44.9inch)
	Packing size	148x25x84cm(85.3x9.84x33.1inch)
Frame	Material	Aluminum
Motor	Type	Brushless
	Power	250W
Battery	Type	Lithium
	Capacity	36V 15.6AH
	Management	Balance, over-charge, under-voltage, overheating, automatic shutoff
	Watt hours	561.6WH
Derailleur	SHIMANO	8 speed
Display	Meter	LCD
Front fork	Front fork	Suspension front fork
Tire	Front tire	700C*45C
	Rear tire	700C*45C
Riding requirement	Suitable height	61.1-78.7inch(155 · 200cm)
	Load capacity	176-330lbs (80kg-150kg)
	Speed	25 km/h (15.5mph), based on terrain & rider weight
	Range	With PAS 65-85km
	Suitable terrain	Hard surface, flat road, ramp under 15°
	Working temp	0°C to 40°C
	Storage temp	-15°C to 45°C
Vehicle weight	Net weight	57.3lbs (26kg)
Charger	Input voltage	100-240V, 50/60HZ
	Output voltage	42V, 3A
	Charging time	5.5-6.5 hours

3.Assembly

3.1Box Opening

- Box must be oriented so that the bike design printed on the outside is upright.
- To minimize the risk of damage, please keep foam on bike unless it needs to be removed to complete the assembly step. After assembly is complete, remove any remaining foam.
- To open the box safely, cut box open at corners and after cuts are complete, gently fold out and lower the front panel completely onto the floor.
- To open the box safely, cut box open at corners and after cuts are complete, gently fold out and lower the front panel completely onto the floor.
- Remove front tire from box.

3.2 Preparation

Bike parts contained in the carton you will need:

1.Assembled bike frame with rear tire
2.Front Tire
3.Handlebars
4.Seat & Seat Post
5.Small Box(es) including:

- Left & Right Pedals
- Lights
- Battery Charger
- Keys (2)
- Front Wheel Quick Release
- Tool Bag

Assemble your bike:
Scan the QR Code or go to
www.GLEWEL.com

Recommended Tools (not included)
1.Gloves
2.Bike Grease
3.Tire Pump
4.An additional person to help with heavy lifting

3.3 Bike Stand & Components

- It is recommended to use a bike stand for ease of assembly. If you do not have access to a stand, please protect the bike on the floor with a soft surface such as the broken-down bike box as noted above, or a rug. Keep the back tire in the foam insert for stability.
- Carefully use snips or a box knife to cut off the zip ties, being careful not to scratch or damage the bike. Confirm you have all listed parts and accessories before starting the assembly. Please do not dispose of the packaging until after the no-questions asked return period has passed.

3.4 Install the Handlebar

- When the bike is shipped, the stem is attached inwardly facing towards the back of the bike to prevent damage during shipment. It needs to be reversed so the handlebars can be properly attached.

a. Place fork between your feet for stability, then use the hex key to loosen the stem bolts that are attached to the head tube.

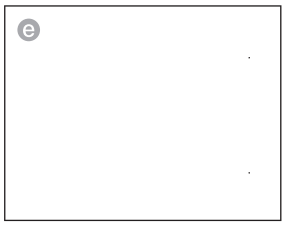
b. Rotate the stem so it is 90 degrees perpendicular to the fork and facing towards the front of the bike. Retighten the stem's bolts to secure it to the head tube. Do not over tighten!

c. Completely remove the bolts on stem clamps.

d. Put the handlebar in the center of the stem, tighten two bolts at opposite corners to reattach the stem clamp. Make sure the cables are not pinched and the left and right grips are on the correct side.

e. Using the hex key, partially tighten all four bolts on stem clamps to hold the handlebar at the desired angle. Then finish tightening all four bolts. As the clamp is being tightened around the handlebar, make sure (see diagram below).

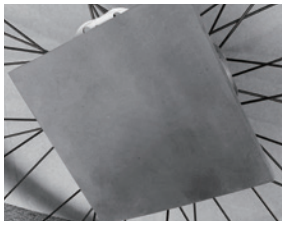
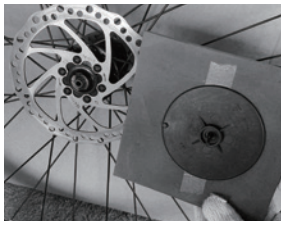
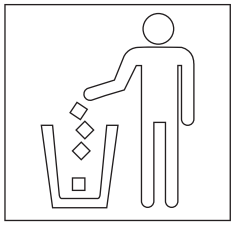
e.1 the gap between the clamp and body stem are parallel
e.2 the distance between the clamp and body stem is equal
e.3 do not over tighten!



3.5 Install the Front Wheel

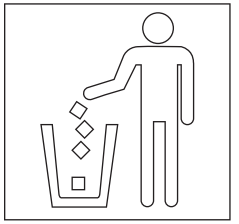
- Foam: Remove the foam from the forks and use it to cushion the fork against the ground, being careful to avoid tipping the bike over.
- Front Wheel: Only place the front wheel with the lever side down on the ground. DO NOT place the brake rotor disk directly on the ground.

a. Protective caps were added to both sides of the front wheel to prevent damage during shipment. These protective caps are considered packing material and should be removed. Remove protective plastic caps from both sides of the wheel.

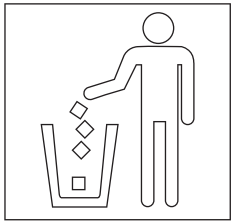
b. For shipment, two plastic front fork protectors have been attached to the front fork to protect the fork from being deformed during shipment and to keep the bike upright. These protectors are considered packing materials and should be removed. Remove the plastic front fork protectors from the front fork.



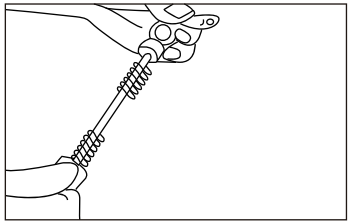
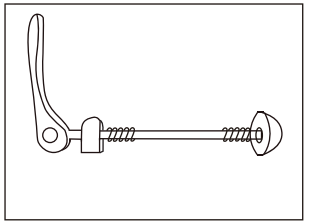


c. Similar to the step above, spacers were added to the brake pads to prevent damage during shipment. These spacers are considered packing material and should be removed. Remove the spacer from the brake pads.

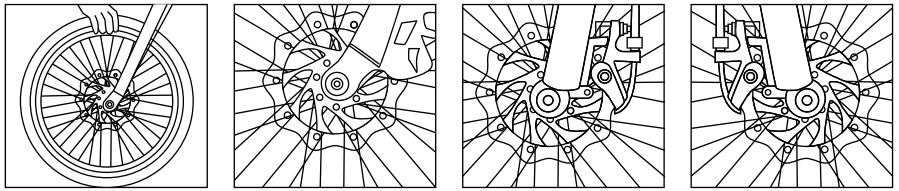




d. From the bike parts box, take out the quick release skewer (rod) and unscrew the end cap (nut). Remove the spring that belongs with the cap.

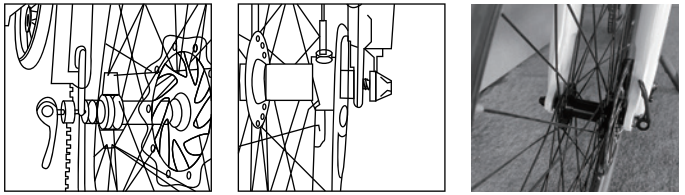



e. Mount the wheel to the fork carefully guiding the brake pads onto the rotor. The axle should fit into the fork snugly. Make sure the disc is placed in the middle of the brake.



f. With the quick release lever on the same side as the brake rotor, slide the skewer into the wheel hub. Attach the spring with the narrow side facing towards the wheel and secure the cap (nut).

g. Tighten the quick release bolt until a considerable force is needed to close the quick release lever. The opposite bolt cover needs to be held in place as you twist the quick release lever.



h. The lever should tighten down to the fork without going past. It is a best practice that the lever aligns parallel to the fork to avoid getting caught on an obstacle. Spin the wheel to check for any wobble. Adjust if needed.

i. With your legs straddling the front wheel, make final adjustments to the handlebar so that they are perpendicular to the front wheel.

3.6 “GLEWER Step-Thru” Install Fender

Ste-thru model require the fenders installation. The fender is attached at three points: to the mounting bracket at the top of the front fork where the light is attached, and to the right and left mounting bolts on the lower fork.

a. Unscrew the bolt at the center of the top of the fork. NOTE: this is the same bolt used to attach the light.

b. Sandwich the light mount and the fender mount between the locking bolt and the frame mounting bracket.

c. Attach the nut and partially tighten.

d. Next, attach the left and right fender support arms to the mounting bolts located at the bottom of each fork.

e. Gradually tighten the nuts holding the mounting arm in place, being sure to center the fender above the wheel.

f. Once centered, tighten down the two nuts holding the mounting arms, and the nut at the top of the fork.

3.7 Install the Pedals

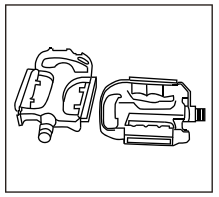
a. Determine which pedal is LEFT and which is RIGHT by looking at the sticker placed on the pedal.

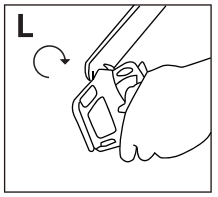
b. Lightly grease the threads. This will prevent metals from binding over time.

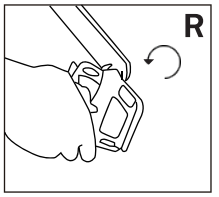
c. Thread the RIGHT pedal by hand onto the chain-side crank arm in a clockwise direction.

d. Use an open wrench to tighten the pedal securely.

e. Repeat steps c and d with the LEFT pedal. The threads will be reversed and should be tightened in a counterclockwise direction.



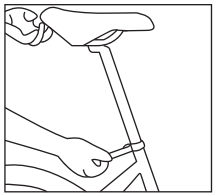




WARNING: The right and left pedals have threads that work in o opposite directions. The right pedal is screwed into crank arm in a clockwise direction. The left pedal is screwed in to the crank arm in a counterclockwise direction. Attempting to screw in a pedal in the wrong direction may result in stripping the threads of the pedal.

3.8 Install the Seat Post

- Loosen the quick release, then place the seat post in the frame.
- Place the seat at the desired height and align the front of seat with the frame.
  NOTE: Do not exceed maximum seat height line indicated on the seat post.
- Tighten the quick release bolt until considerable force is needed to close the quick release lever.
- Check that the seat does not spin in place.



3.9 Install the Headlight

- Remove the center bolt and washer on the front fork. This may be on the back or front of the fork's arch.
- Align the light bracket against the front fork, thread the center bolt through the fork and light bracket, attach the bolt on the back side and tighten.

3.10 Inflating the Tires

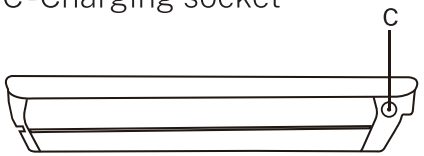
- The tire pressure should be checked each time before riding or at least once a week.
- Check the marked area on the sidewalls of the tire which shows the minimum and maximum tire pressure, and make sure that the tire pressure is in the marked area. If the tire pressure is too low the wheel may be damaged or the inner bicycle tube pinched, which may result in a flat tire. If the tire pressure is too high, the tire may come loose from the rim and thereby damage the bicycle or injure the rider and people in close proximity.
- It is recommended to use a bicycle pump with a built-in air pressure gauge to ensure that your tire always has the desired and correct tire pressure.

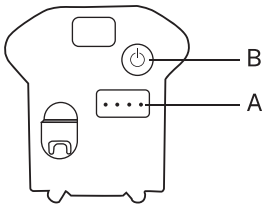
4.Battery

4.1 Battery & Charger Overview

Battery

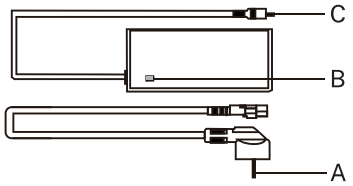
A-Capacity display
B-Battery switch
C-Charging socket





Charger

A-Socket(100~240V)(type will vary)
B-Charge indicator
C-Charging socket



4.2 Battery Tips

Note-Your electric bike comes with two copies of the battery key. Keep one key in a safe place for repairs, maintenance, and emergencies, and to bring with you to the bike shop.

- To remove the battery: turn the key to the UNLOCK position, and press the button on the frame. The battery is then released from the bike frame housing.
- To return the battery: insert back into the frame housing until it clicks into place. You must turn the key to the LOCK position to secure the battery.

WARNING: The bike should not be operated with the key still in the lock. This could result in loss of the key, or inadvertent release of the battery during riding.

4.3 Charging the Battery

- Connect to the battery to the charger.
- Connect the charger to a power outlet.
- The charging process can be stopped at any time. When charging is in progress the charger indicator light shows red; after fully charged, the light turns green.
- When charging is complete, disconnect the charger from the power outlet first & then from the battery.
- Please note the additional information on the back of battery case.

4.4 Charging Tips

- Always store and charge your battery in a dry location. Long-term exposure to water, humidity, and damp conditions are harmful to e-bike batteries.
- Inspect and maintain the electrical contacts between the battery and the connection point on the bike regularly.
- Ensure the prongs aren't bent, and if the connection point ever becomes contaminated with grit, mud, or snow, clean it before connecting your battery.
- Never leave your bike in the trunk of a hot car with the battery attached. Remove the battery and take it with you instead.

4.5 Battery Power & Operation

- When the battery level shows one segment blinking on the LCD display, the motor will stop working.
- To check the remaining battery power, press and hold the button on the battery. The LED display on the battery will illuminate the remaining battery capacity.
- To increase life of the battery, after 15 normal charges or every three months, perform a full discharge of the battery (ride your electric bike until the battery is completely empty).

⚠ The battery will automatically shut down when your bike is idle for 2 hours. You need to press the battery switch for 5 second to activate the battery before turning on the display.

4.6 Battery Safety

- Charging of the electric bike only be performed with the manufacturer's recommended charger.
- Use the charger only for its intended purpose of charging your electric bike.
- Avoid contact with the battery and the charger during charging. The charger will be warm up considerably, this is normal.
- Do not use or charge the battery at temperatures above 104°F (40°C) or below 32°F (0°C) and do not place the battery near the fire.
- Do not short-circuit the positive (+) and negative (-) terminals of the battery.
- Do not immerse the battery in water or acidic fluid.
- Never charge the battery on-bike after riding in the rain–wait at least 24 hours before using the internal charger.
- In the unlikely event that the battery catches fire, DO NOT attempt to extinguish the fire with water. Instead, use sand or another fire retardant to extinguish the fire.
- Lithium batteries are subject to many regulations and are often considered dangerous or hazardous materials by carriers. Be sure to check for relevant laws and ask the carrier for approval prior to shipping a lithium-ion battery or transporting it by air.
- Failure to properly charge, store, or use your battery will void the warranty and may cause a hazardous situation.
- Stop charging immediately if you notice something usual.
- Keep the battery out of reach of children and pets.
- Never try to open the battery.

IMPORTANT SAFETY INSTRUCTIONS

WARNING -When using this product, basic precautions should always be followed, including the following:

a) Read all the instructions before using the product.

b) To reduce the risk of injury, close supervision is necessary when the product is used near children.

c) Do not put fingers or hands into the product.

d) Do not use this product if the flexible power cord or output cable is frayed, has broken insulation, or any other signs of damage.

e) This equipment is not intended to be used at ambient temperatures less than 5°F (-15°C) or above ambient temperatures of 113°F (45°C).

f) The battery is intended to be charged when the ambient temperature is between 32°F (0°C) and 104°F (40°C). Never charge the battery when ambient temperatures are outside this range.

g) CAUTION: Risk of Electric Shock –Only use this battery charger indoors.

h) Charging of the electric bike only be performed with the manufacturer's charger.

4.7 Battery Storage

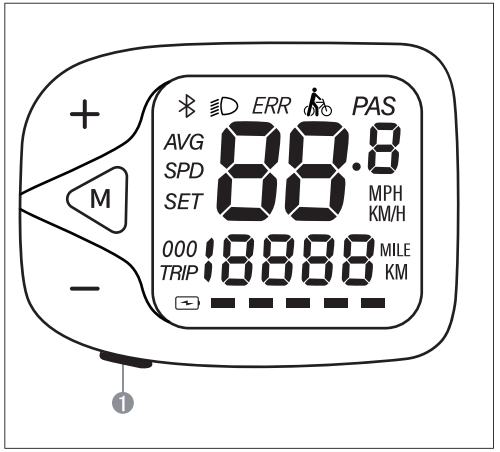
- If you won't be riding your bike for a while, charge the battery and store it somewhere indoors where the temperature is well regulated.
- If the bike is not used for more than a month, it is best to store the battery as follows:
  - **a.** At 40%-60% of its capacity.
  - **b.** Recharge once a month for 30 minutes.
  - **c.** Store at temperatures between 5°F (-15°C) and 113°F (45°C).
- If the battery is not in use, it should be checked once a month. At least one LED light should blink to indicate there is still a charge. Charge the battery if necessary.
- It is important to charge the battery at least every two months. Failure to do so may damage the battery and void the battery warranty.
- When storing battery for longer time period (e.g., during the winter) it is important to place the on a flat and dry place.
- Keep battery and charger away from water and heat sources.
- Do not cover the battery or the charger, place objects over or on them.
- Do not expose the battery or the charger to shocks such as falling.

4.8 Battery Disposal

- Be sure to recycle your old batteries at a local battery recycle center.
- Do not dispose of lithium batteries in the garbage.
- We cannot provide a return facility, shipping label or shipping means from any location to our place of business.
- Check your reginal laws to find recycle centers in your area.

5. Display

DISPLAY INTERFACE



5.1Button Function

- Throughout this section, when in text format, we'll show the interface buttons as:

is replaced by the text UP [+] button.

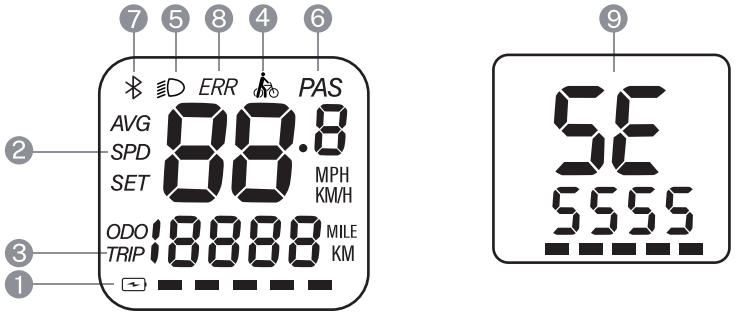
is replaced by text DOWN [-] button.

Power Switch

Headlight Switch

5.2 Function Description

• The bike interface provides you with a variety of function modes, to meet your riding needs. Its functions are as follows:



1. Battery power indicator
2. Real-time speed indicator
3. Distance indicator (including odometer and trip distance)
4. Walk assist indicator
5. Headlight indicator
6. Power Assist System (PAS) Level
7. Bluetooth connected
8. Error code indicator
9. Parameter setting indicator

5.3 Operation Cautions

• Try to avoid bumping or colliding with the display.

• The display should be repaired as soon as possible in case of malfunction.

5.4 OPERATIONS OF DISPLAY INTERFACE

OPERATION	DIRECTIONS
Turn on the bike	• Press & hold [M] 3s until power engages.
Turn off the bike	• Press & hold [M] 3s until power disengages. **Note:** Display will automatically shut down when battery is below 1 bar or bike is idle for 10 minutes.
To Change Speed Unit between: Miles Per Hour (mph) & Kilometers Per Hour (km/h)	• Press [Power Switch] with 2 times to change speed unit between mph and km/h. Note: Display defaults to km/h at startup.
Toggle between: ODO (Odometer) Trip Distance Trip Time	• When display works without breakdown, press [M] to change between ODO (Odometer) and Trip Distance. **Note:** Display defaults to Odometer [ODO] at startup.
Turn on Walk Assist Mode	• After dismounted, Press DOWN [-] for 3 seconds to activate “Walk Assist Mode”. • The Walk Assist symbol will appear on the screen and the bike will power at a uniform speed of 6 km/h. • To deactivate Walk Assist Mode, unpressed the [-] button or press the brake lever. • Warning: Only use “Walk Assist” mode while pushing the bike, do not use it while riding.
Turn on headlight	• Press [Headlight Switch] with once to activate the headlight. • The Light symbol will appear on screen. To deactivate Light, press [Headlight Switch] with once.
Power Assist System (PAS) Level Setting	• Press UP [+] or the DOWN [-] button to switch the “Power Assist (PAS)” level and change the motor output power. • UP [+] button increases power. DOWN [-] button decreases power. **Note:** When display is activated, the default Power Assist (PAS) is Level 1.

OPERATION	DIRECTIONS
Battery Level Indication	• Battery level symbol is always displayed on the screen. • When the battery voltage is high, the five-segment LCD is on. • When the battery is undervoltage, only 1 battery segment is alight, indicating that the battery is seriously undervoltage and needs to be charged immediately. • If undervoltage, the electric bike will go on a uniform speed of 3.7 MPH (6 Km/h).
Error Code	• When the electric bike electronic control system fails, the display will automatically indicate the error code and a number ranging from 21-31. • For the definition of detailed error codes, please see Troubleshooting the Electronics chart on Page 38.
LCD Backlight	• Enter “General Settings” by pressing UP [+] and DOWN [-] button at same time for over 2 seconds. • [P01] appears in the middle of screen. • The parameter 1 2 3 mean the LCD Screen backlight brightness. 1 is the darkest, 3 is the brightest. • Change the LCD backlight brightness parameter by pressing UP [+] or DOWN [-]. • To confirm and exit, press [Power Button] for over 3 seconds. **Note:** The default LCD brightness value is level 2.
Change the time of automatically Shutting down	• Enter “General Settings” by pressing UP [+] and DOWN [-] button at same time for over 3 seconds. • [P01] appears in the middle of screen. • Press [Power Switch] until [P03] appears in the middle of screen. • Change the automatically shut down time parameter by pressing UP [+] or DOWN [-]. • To confirm and exit, press [Power Switch] for over 3 seconds. **Note:** The default time value to shut down automatically is 10 minutes when the bike is idle.

OPERATION	DIRECTIONS
Reset Trip Distance	• Enter “General Settings” by pressing UP [+] and DOWN [-] button at same time for over 3 seconds. • [P01] appears in the middle of screen. • Press [Power Switch] until [P06] appears in the middle of screen. • Press UP [+] for over 5 seconds until 0000 changes to 0001. • To confirm and exit, press [Power Switch] for over 3 seconds. • Note: Trip distance and single riding time will be reset at the same time.

6. Maintenance

In order to keep your GLEWEL Electric Bike in optimal condition and to make your riding experience as pleasant as possible, we strongly recommend that you follow a regular inspection and maintenance schedule. Please note that wear and tear, and the need for service will vary based on your use.
Please read and understand the following recommendations in our Bike Care Basics & Best Practices, Pre-Ride Checklist(on Page 7), and Recommended Ongoing Service sections of this manual.

6.1 Bike Care Basics & Best Practices

- Always store your bike in a clean dry place to avoid rust and damage to the battery.
- Keep batteries fully charged when between uses of as much as two weeks apart. See the Battery Storage section on Page 26 for additional information on storing your battery when longer than two weeks between use.
- Clean and lubricate all moving parts regularly according to the Recommended Ongoing Service chart on Page 33-34.
- Clean your bike frame with a wet rag and mild non-corrosive cleaner. After cleaning, lubricate where necessary.
- GLEWEL Electric Bikes are not waterproof and should not be submerged in water as this may damage the electrical system. Be sure to store your bike under shelter and avoid leaving it out in the rain. If wet from rain, wipe down to dry. Please note-water damage and corrosion are not covered under warranty.
- If you live and ride in coastal areas, your bike will be exposed to the corrosive effects of salt. This will require you to wipe down your bike more frequently and treat all unpainted and moving parts with anti-rust treatment.
- Ensure your bike tires are always inflated to a pressure within the recommended range printed on the tire sidewalls. It is recommended to use a bike pump with a built-in air pressure gauge to ensure that your tire always has the desired and correct tire pressure.
- Before each ride ensure all electrical wires are connected and secure.
- Your bike will need to be serviced at regular intervals and after the initial wear-in period–please see our Recommended Ongoing Service schedule section on Page 33-34.

6.2 Recommended Ongoing Service

GLEWEL recommends regular inspections, and the following maintenance schedule:

OPERATION	INSPECT THE FOLLOWING	SERVICE	REPLACE
Weekly 100-200 miles / 160-321 km	• Inspect fasteners for proper torque. • Inspect the drivetrain for proper alignment and function (including the chain, freewheel, chainring, and derailleur). • Clean and lubricate the chain. • Inspect wheel trueness. • Inspect the condition of the frame and welds for damage. • Inspect and test brake pads. • Inspect tire pressure.	• Clean frame with a damp cloth and mild soap as needed. • Lubricate chain. • Turn barrel adjuster(s) to tighten derailleur/brake cables if needed.	• Replace any components confirmed to be worn or damaged.
Monthly 250-750 miles / 402-1207 km	• Inspect brake pad alignment and brake cable tension. • Inspect bike is shifting properly. • Inspect chain stretch using a chain measuring tool (not included). • Inspect brake and shifter cables for corrosion or fraying. • Inspect rims and check spoke tension. • Tighten any attached accessories (i.e. fenders, racks, reflectors) that may interfere with spokes or the drivetrain.	• Lubricate fork, brakes, and cables. • Clean and lubricate drivetrain. • Check crankset & pedal torque. • True and tension wheels if any loose spokes are discovered. • Drain and recharge the battery fully.	• Replace brake and shift cables if necessary. • Replace brake pads if necessary.

OPERATION	INSPECT THE FOLLOWING	SERVICE	REPLACE
Every 6 Months 750-1250 miles/ 1207-2011 km	• Inspect drivetrain (chain, freewheel, crank and derailleur). • Inspect all cables and housings. • Inspect hub bearing and lower bottom bracket.	• Standard tune-up by a certified and reputable bike mechanic is recommended. • Grease bottom bracket.	• Replace brake pads if worn. • Replace tires if worn. • Replace cables and housings if necessary.
Annually (Regardless of distance)	• Have your electric bike serviced by a certified bike mechanic.	• Standard tune-up by a certified and reputable bike mechanic is recommended. • Grease bottom bracket.	• Replace brake pads. • Replace brake cables. • Replace tires if worn.

7. Battery & Range & Payload Capacity

7.1 Battery Capacity

At the bottom right of the LCD display, a battery icon meter can be found. The bike controller estimates the charge left in the bike's battery. As the battery depletes, sections will drop according to approximately how much charge in the battery has been used.

Note: The energy meter is an estimate. The battery icon updates periodically based on the current voltage of the battery. It is not a direct indication of the remaining battery level capacity. See Page 24 to learn how to check battery pack capacity.

7.2 Riding to Increase Range

The range the bike can travel on a battery charge can vary between riders, terrain, weather, and additional payload. It is recommended that you use the lowest pedal assist at first, to get familiar with your battery capacity as it relates to your route. Here are tips to maximize your battery range:

- Use a lower-level pedal assist when starting from a standstill.
- Use a lower-level pedal assist when riding on the road.
- Use lower assist levels especially when climbing hills.

7.3Maximum Payload Capacity

MODEL	PAYLOAD
GLEWER	• Bike 176-330 lbs (80-150 kg)
GLEWER Step-Thru	• Bike 176-330 lbs (80-150 kg) • Rack 55 lbs (25 kg)

WARNING: The built-in rear rack is designed for no more than 55 lbs (25 kg) of total cargo, regardless of additional accessories that might be rated for a higher weight. Damage to your bike, property, and/or cargo, and serious injury or death can result if these limits are not heeded.

WARNING: The bike's kickstand is not intended to hold additional weight. DO NOT assume a loaded bike is stable when using the kickstand.

8. Troubleshooting

8.1 Troubleshooting the Bike

Please refer to this chart basic troubleshooting. For additional information, please visit our GLEWEL Help Center: www.glewel.com

SYMPTOMS	POTENTIAL CAUSES	MOST COMMON WAY TO SOLVE ISSUE
Bike does not operate	• Battery not fully seated in tray • Insufficient battery power • Faulty connections • Improper turn on sequence • Brakes are applied • Electrical cable unplugged • The battery automatically shut down when your bike is idle for 2 hours	• Install battery correctly • Charge the battery • Clean and repair connectors • Turn on bike with proper sequence • Disengage brakes • Reconnect plugs • press the battery switch for 5 second to activate the battery
Motor not responding when the bike is powered on	• Damaged or disconnected pedal assist sensor • Loose wiring • Loose or damaged motor plug wire • Damaged motor	• Replace or reconnect pedal assist sensor • Repair and or reconnect • Secure or replace motor plug wire • Repair or replace
Reduced range	• Low or faulty the battery • Low tire pressure • Climbing too many hills, strong headwind, braking, and/or excessive load • Brakes rubbing • Battery discharged for a long period of time without regular charges, battery is aged, damaged, or unbalanced	• Check connection, charge or replace battery • Adjust tire pressure • Adjust your route or assist with pedals • Adjust the brakes • Balance the battery; contact GLEWEL Tech • Support if range decline persists
Reduced top speed	• Insufficient battery power	• Charge or replace battery

SYMPTOMS	POTENTIAL CAUSES	MOST COMMON WAY TO SOLVE ISSUE
Motor or wheel making unusual sounds	• Loose or damaged motor wiring • Loose or damaged wheel spokes or rim	• Reconnect or replace motor • Tighten, repair, or replace
The battery not charging	• Battery damaged • Charger not well connected • Charger damaged • Wiring damaged • Blown charge fuse	• Replace • Adjust the connections • Replace • Repair or replace • Replace charge fuse

8.2 Pay Attention to Wear

Components of GLEWEL bikes are subject to higher wear than components of bikes without power assistance. Due to traveling at higher speeds, and the additional weight of an electric bike, wear and tear on an electric bike is increased over a regular bike. This level of higher wear is not a defect in the product and is not subject to a warranty. The typical components affected are the tires, brake pads and rotors, suspension forks, wheels, spokes, and battery.

WARNING: Loss of function can result when a component is surpassed its useful life. This can result in serious injuries or death. It is critical to pay attention to wear characteristics such as scratches, cracks, changes in the color, or operation of components which could indicate useful life has been exceeded. Replace worn components immediately. Consult a certified bike mechanic if you are unsure of any component's wear or have not completed regular maintenance.

8.3 Troubleshooting the Electronics

Your GLEWEL bike is equipped with an error detection system integrated into the display interface. In the case of an electronic control system fault an error code will display. Please see the table below for the most common error codes and troubleshooting.
For additional information, please visit our GLEWEL Help Center on the website: www.glewel.com

ERROR CODE	DEFINITION
21	Current fault
23	Motor phase line fault
24	Hall fault
25	Brake failure
30	Communication failure between instrument and controller
31	Communication failure between meter and battery pack

9. Limited Warranty

Your bike's warranty and other binding legal terms (e.g., terms of purchase, etc.) are subject to change at any time. To view your terms of purchase, go to www.glewel.com/terms.
To view the current warranty, please go to www.glewel.com/warranty.

9.1 Warranty Information

All GLEWEL electric bicycles and their individual covered components (as defined herein) are protected against all manufacturing defects in material or workmanship for one (1) year after receipt of the Product by the customer (the "Warranty Period"). This Limited Warranty is only applicable to the EU Product purchases and in accordance with the following terms:

- This Limited Warranty shall only apply based on purchases made directly from GLEWEL or through GLEWEL authorized resellers. Owners must be able to provide proof of purchase in order or have completed warranty registration with GLEWEL for the warranty to apply.
- Only the original owner of a Product is covered by this Limited Warranty. The Warranty Period begins upon your receipt of the Product and shall end immediately upon the earlier of the end of the Warranty Period or any sale or transfer of the Product to another person. Under no circumstances shall the Limited Warranty apply to any subsequent owner or other transferees of the Product.
- The Limited Warranty is expressly limited to the replacement of a defective lithium-ion battery (the "Battery"), motor, controller, LCD display, charger, lights, sensor, brake lever, frame, forks, brake, freewheel, cassette, derailleur, shifter, handlebar, seat post, seat tube, saddle, pedal, tires (each a "Covered Component").
- The Covered Components are warranted to be free of defects in materials and/or workmanship during the Warranty Period. In the event that GLEWEL determines a Covered Component is defective, GLEWEL will, at its own discretion and as your sole and exclusive remedy: a) repair the defective Covered Component free of charge with new or refurbished parts, or b) replace the defective Covered Component with a new Covered Component.

9.2 Warranty Limitations

- Normal wear and tear of any Product or Covered Component.
- Consumables or normal wear and tear parts (including without limitation tires, tubes, brake pads, cables, housing, grips, chain, and spokes).
- Any damage or defects to Covered Components resulting from failure to follow instructions in the Product owner's manual, acts of God, accident, misuse, neglect, abuse, commercial use, alterations, modification, improper assembly, installation of parts or accessories not originally intended or compatible with the Product as sold, operator error, water damage, extreme riding, stunt riding, or improper follow-up maintenance.
- For the avoidance of doubt, GLEWEL will not be liable and/or responsible for any damage, failure, or loss caused by any unauthorized service or use of unauthorized parts.
- The Battery is not warranted from damage resulting from power surges, use of an improper charger, improper maintenance or other such misuses, normal wear, or water damage.
- Any products sold by GLEWEL that are not a Product.

⚠ DETERMINING WHETHER DAMAGE OR DEFECT TO A PRODUCT OR COVERED COMPONENT IS PROTECTED BY THIS LIMITED WARRANTY SHALL BE AT THE SOLE DISCRETION OF GLEWEL.

9.3 Shipping Damage

Damage to a Covered Component during shipping is not covered by this Limited Warranty, but GLEWEL will replace such damaged Covered Components if you:

- Notify GLEWEL of a Covered Component damaged in the shipping process within fifteen (15) days of your receipt of the Product.
- Provide GLEWEL with a dated picture of the damaged Covered Component.
- Return all original packaging and paperwork included with the Product.
- Note any immediately recognizable damage on the shipper's Bill of Lading prior to signing off on the shipment. Shipping damage claims are very time sensitive and it is your responsibility to immediately inspect the Product for damage upon receipt.

9.4 Credit Card Chargebacks

If any Product purchase becomes subject to a credit card chargeback in any amount, and you are still in possession of the Product, then this Limited Warranty shall be invalidated until the credit card chargeback has been resolved.

9.5 Claims Process

GLEWEL WILL NOT REPLACE ANY COVERED COMPONENT UNDER THIS LIMITED WARRANTY WITHOUT FIRST SEEING PHOTOS OR VIDEO OF THE DAMAGED COVERED COMPONENT.

In order to exercise your right to receive a replacement for a Covered Component under this Limited Warranty, you must:

- Contact the GLEWEL Customer Support team by email at support@glewel.com. The Customer Support team will initially work with you on the problem with your Product to identify potential simple fixes.
- If the Customer Support team determines that a Covered Component must be replaced, they will provide you with a set of instructions for returning the defective Covered Component and receiving the replacement.
- After you receive the replacement Covered Component, the Customer Support team will also assist in determining how to replace or install the new Covered Component into your Product.
- GLEWEL will be responsible for shipping costs associated with returning a Covered Component under this Limited Warranty. Replacement Covered Components under this Limited Warranty shall only be shipped to the address of the original purchaser.

THE REMEDIES DESCRIBED ABOVE ARE YOUR SOLE AND EXCLUSIVE REMEDIES AND GLEWEL'S ENTIRE LIABILITY FOR ANY BREACH OF THIS LIMITED WARRANTY. GLEWEL'S LIABILITY SHALL UNDER NO CIRCUMSTANCES EXCEED THE ACTUAL AMOUNT PAID BY YOU FOR THE PRODUCT, NOR SHALL GLEWEL UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, OR PUNITIVE DAMAGES OR LOSSES, WHETHER DIRECT OR INDIRECT.
SOME LOCAL GOVERNMENTS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.
THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM COUNTRY TO COUNTRY.
TO THE EXTENT PERMISSIBLE UNDER APPLICABLE LAW, GLEWEL DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE FOR THE DURATION OF THIS EXPRESS LIMITED WARRANTY.
SOME LOCAL GOVERNMENTS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

Assembly Video & Online Resources Links

Please visit the "Support Center" section on the website www.GLEWEL.com to view the Assembly Videos.

Assemble your bike:
Scan the QR Code or go to
www.GLEWEL.com

Contact Us for Help

If you have questions, please contact us here:

- Visit our www.glewel.com
- Email us: support@glewel.com