



EW-1200

Owners Manual

Electricwheelstore.com

THE CONTENTS OF THIS MANUAL MUST BE CAREFULLY READ AND INSTRUCTIONS
FOLLOWED BEFORE YOU RIDE YOUR

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I 、 General Assembly Instructions

Remove all Packaging

PLEASE ALLOW YOURSELF ONE HOUR FOR UNPACKING, ASSEMBLY & CHECKING EW1200

Remove all materials and set parts aside for assembly.



Pedals and Charger



Front Mudguard

Saddle



Attention: when you take the wheel out from the crank, please keep the crank parallel with the ground

Minimal assembly is required for your EW1200. However please follow the guidelines below for correct assembly.

Tools required- 15mm pedal spanner, 6 mm hex key, 8 mm hex key, 8 &10mm Spanner.



Set Up

Install front mud guard

Please install the front mud guard before you install the front wheel. Tighten the fixing.



Front Mudguard.

Install front wheel



The front wheel is a quick release type. The quick release locking lever must be set squarely in line with the front fork and firmly tightened to ensure safety. Please check before each ride.




Remove the front fork spacer from Front Fork and then fit the front wheel.



Remove the nut and spring from the quick release shaft and pass shaft through the wheel hub. Replace spring and nut. Fit front wheel to forks, adjust and tighten the quick release mechanism. The over centre locking lever should be in line with fork as shown.

Fit and Align handle bars

- The handle bar assembly may need some small adjustment for the alignment of the headset to the front wheel.
- Use a 6 mm Hex key to loosen the handle bar stem.
- Relocate and lock the head stem hinge.
- Align handle bars and ensure they are perpendicular to the front wheel.
-  Carefully lower the handlebars back down and tighten the 6mm hex key firmly. Check and recheck for firmness.

Adjustable Headset



Please loose this screw to adjust the height of handle bar



Quick Release for Motor cable



Shimano Thumb Shifter (7 speed) Derailleur

Battery Condition Indicator lights

Pedal Assist On-off Button: Switch from Electric Power to Pedal Assist Mode.

Install Pedals and Tighten Crank.

Place a small amount of grease on the thread before installing.

Ensure you clearly identify Right and Left pedals by the R or L stamped on the end of the pedal shaft.

Identification is very important because the Left Pedal has a reverse thread.

Right Pedal Screws in clockwise.

Left Pedal is a reverse thread and screws in anti-clockwise.

Tighten with a pedal spanner or 15mm spanner.

Remember Right Pedal Tightens Clockwise Left Pedal Tightens Anti Clockwise.

Remove Plastic chrome cap on crank and check tightness with 14mm socket. Both Left and right hand sides.



Front Brake Set Up

Front Caliper V-Type Quick Release Brake. Loosen the 6 mm Allen Screw on the cable holder (Pic 1) and Pass the cable through loosely. Close the caliper manually and locate the metal cable guide in the caliper holder (Pic 2). Now pull the slack cable through the cable holder and adjust as necessary so the brake shoes are square with wheel surface and are not rubbing on wheel during rotation. Around 2 mm clearance is ideal. Tighten the 6mm Allen Screw to lock the cable firmly in place (Pic 3). Test brake before riding.

Pic 1



Loosen the 6 mm Allen Screw on the cable holder

Pic 2



Pic 3




Inflate Tires

EW1200 bike arrives with the tires inflated to 65 PSI. It is important to check and maintain this pressure at all times for safety and the optimum performance from your

BEFORE RIDING YOUR EW1200 FOR THE FIRST TIME.

Ensure you are fully familiar with the operation of the bike.
Ensure you know how the pedal assist and power button works.
Ensure the saddle is adjusted to suit your leg length.
Ensure people/children are clear of moving wheels etc.

Safety  **Ride safely and always wear protective gear including knee pads, elbow pads, gloves and helmet. Always Use an approved bicycle helmet. Always obey local road rules and legal guidelines.**

II 、 Inspect EW1200 before riding

Important note: Before riding ensure you are familiar with the operation of the throttle and the peddle assist button. The throttle turns towards the rider - when the ignition is turned on this engages the motor.

Please check before riding as below:

1. Check the grip.
2. Check tire pressures.
3. Check brake pads for wear and replace if necessary.
4. Check Brakes for alignment of front pads and wear.
5. Check the tightness of chain and front wheel Quick-release lever.
6. Check the gear function.
7. Check pedal tightness on crank and tightness of crank. (Left and right sides)
8. Check the power indication.
9. Check battery status via Charge light (Green LED) on charger and on bike.
10. Check the tightness of saddle.
11. Do not use front V-brake in a State of emergency.

III 、 Charging

The bike arrives with the battery fully charged.

After use always charge your battery fully.

Follow carefully the charging instructions provided in the charger box.

The battery may be charged mounted on your EW1200 or when removed.

For added security the battery is locked in position by the ignition key.

To remove the battery tilt the seat forward, press the key in and turn anti clockwise.

The battery slides out vertically.






After charging replace the battery ensuring that it slides down the location runners provided on the frame and lock

in position with ignition key.

Never Remove Battery From The Housing Enclosure – This Will Void Your Warranty.



Always have the charger switched off before connecting to the battery. Connect and turn on. The LED will turn red when charging then green when fully charged. It is recommended to switch off charger once charged.

-  Check AC voltage is set to 220/240Volts.
-  Do not drop the charger as it has sensitive electronics inside and damage may result.
-  Do not cover with any material or substance that may restrict the airflow into charger. The charger needs to “Breathe” and be kept cool.
-  Remember that charging the battery each time you use it will ensure longer life of the battery.
- **DO NOT leave the battery discharged for long periods. This will damage the battery.**
-  Never open the charger or change settings on the charger.



Anti clock wise—remove battery.



Key in upright position – Power OFF



Turn key clockwise power ON.

IV、 Maintenance


1. Wipe the bike with a dry cloth, or neutral detergent.
 2. Use lubricating oil sparingly for moving parts.
 3. Wipe the plastic and painted parts with a cloth.
 4. Increase the frequency of lubricating with light oil in wet and humid areas
- See as below (Recommend 30SAE lubricating oil).

Need lubricating oil:



Do not wipe with lubricating oil



 Rear Brake



Gear adjustments

- It is recommended you have a bicycle workshop assist you with the adjustment of the gears.
- Cable tension must be checked to ensure there is no slack in cable when in highest (fastest gear). Failure to do this will result in poor gear changes.
- Tension of cable can be adjusted on the rear of the cable insertion point on the back of the derailleur.
- Lube chain and sprockets regularly with a Teflon based chain lube.

V 、 Simple Troubleshooting

Driving system

Problem	Check	Action
Low speed	Battery power	Charge Battery
	Low tire pressure	Inflate the tire
	Flat tire	Repair the tire
	Over Load	Do not overload
The motor is not working Power indicator light does not shine	All Connections and correct location of battery.	Ensure every plug is connected ↓ does not improve, please contact with your dealer.
Battery power indicator on but the bike does not work.	Loose wiring or connection.	Check wiring and connections, particularly brake connections, →please contact the dealer.
Will only travel short distance.	Is the battery fully charged?	Charge fully or Replace the battery.
	Does the battery need replacing	At an ambient of 20 °C, when fully charged, is the discharge time, using 5amp load test, shorter than 50 minutes. If yes advise replacing battery.

VI. Warranty

1. This Warranty takes effect after dealers confirm.

2. Warranty period

items	Warranty period	Parts Covered By Warranty
Normal parts	180 days after purchase	All the parts but excluding wearing parts. (Tires, Brake Pads etc).
Battery	90 days after purchase	Lithium battery

Position of Serial number on the Crank Housing for Insurance and Identification purposes.

