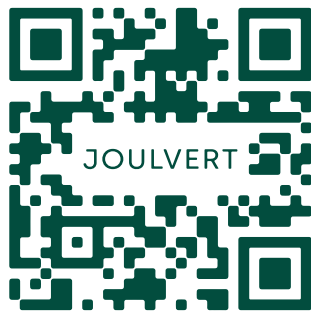


JOULVERT



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Reach us by email, [info@jouvert.com](mailto:info@jouvert.com)  
for any assistance, queries, spares and  
repairs or just to say hi.

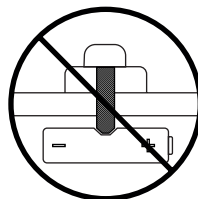
## Attention

- Before riding, please read this instruction manual carefully and check if the eBike is assembled correctly. If you find anything unusual, please contact Joulvert via our website or email [info@joulvert.com](mailto:info@joulvert.com)
- It is your responsibility to be aware of the laws that are applicable in the country you are riding in. Please abide by local laws and standards for the speed limit, helmet, reflection, lighting system etc.
- The 700C bike is water-resistant. However, please do not submerge any electric components in water or deliberately direct water at it. Water entering any electric components can cause a short circuit and damage the electric components.
- Do not dismantle your eBike by yourself. If you need to change any parts, please buy our standard parts from our website, or if the parts are not available for you, please contact Joulvert..
- This Owners Manual is not intended as a detailed service, repair or maintenance manual.
- Electric bikes can be dangerous to use. The user or consumer assumes all risk of personal injuries, damage or failure of the bicycle and all other losses and damages to themselves and others, as well as to any property arising as a result of using the bicycle.
- As with all mechanical components, the bicycle is subjected to wear and high stresses. Any form of crack, scratches or change of colouring indicates the life of the component has been reached and it should be replaced.
- Your insurance policies may not provide coverage for accidents involving the use of this eBike. Please contact your provider to determine coverage.

## Important Information

- This eBike is fit for use by one person only – do not carry a passenger.
- Do not put any metal objects in charging ports or battery circuits, it may cause a short circuit or start a fire.
- Do not dismantle or change any parts without the authorization of the manufacturer. Any loss caused by inappropriate use, misuse or dismantling can cause dangers to the rider which the manufacturer or Joulvert is not liable for. Be reminded, your eBike warranty can be affected, too. In general, if you think there might be a problem with your eBike, please contact Joulvert.
- Ensure your full attention is on the road. Failure to do so can cause injuries to yourself and others. Do not use your phone when riding the eBike. Do not ride whilst intoxicated. Do not ride the eBike when you are taking medicines that can inhibit your performance on the eBike or when you are not feeling well.
- Speeding, especially on downhill roads, can be dangerous. Forcefully engaging the brakes at high speed can cause the eBike to skid and lead to a road accident. Do not use the front brake too hard, it can cause the rider to fall forward over the handlebars and can cause severe injuries. Do not attempt jumps, stunts, racing, competitive events, or any activity deemed as not consistent with the intended use of the product.
- Oil in the brake pads or rim's surface can inhibit the performance of the brakes drastically. This can cause accidents.
- The battery's performance can be affected by its environment. Generally speaking, a battery's discharge performance is better at a higher temperature. Battery capacity will drop by more than 1/3 when the temperature is below 0°C. Thus, this eBike's riding distance per charge will become shorter in winter or cold areas. It will return to normal/optimal when the temperature is higher than 20°C.
- Do not hang anything on the handlebar during riding. Check that the display and lights are fixed to avoid failure in operation.
- To protect your battery and avoid danger, do not connect the battery's positive and negative side with one another or any conductor.
- Inspect/Adjust the brake calliper position each month to ensure the brake pad is not making contact with the rotor. Change the brake pad each half year or one year to keep the brake function in good condition.
- Make sure the front wheel is mounted to the front fork correctly and that the calliper is not in contact with the rotor.

This electric bike has hidden wiring inside the frame as well as critical parts such as the drive unit and battery pack. When mounting additional, non-standard accessories (e.g. a bottle cage), be sure not to impact the wiring or battery pack (e.g. using too long or pointed bolts). This can cause a short circuit to the electric system, damaging the battery and has potential for personal injury. If in doubt, please contact Joulvert.



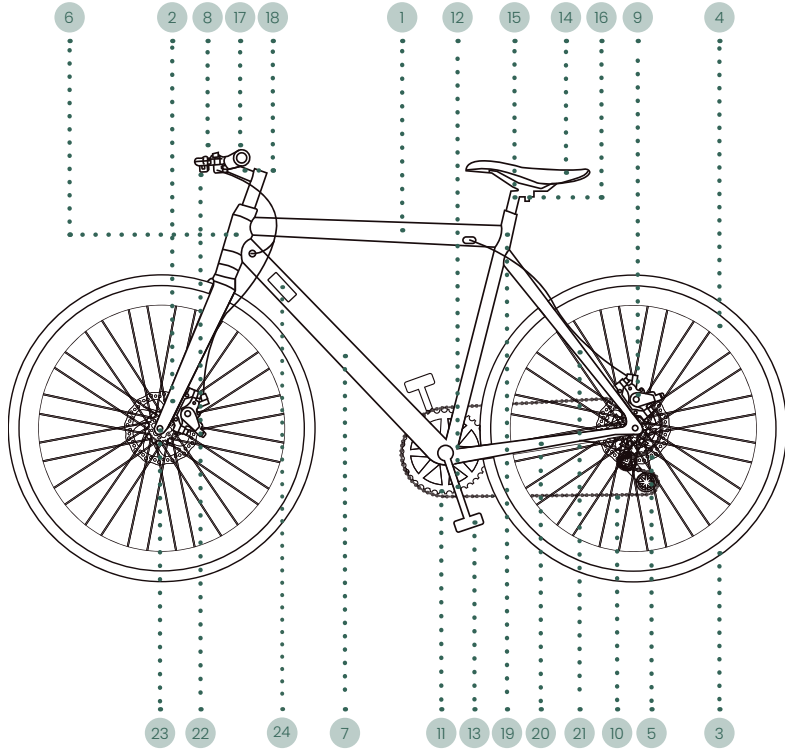
Introducing

**700C**

# 1.0

# Overview of Parts

## 1.1 Structural Diagram

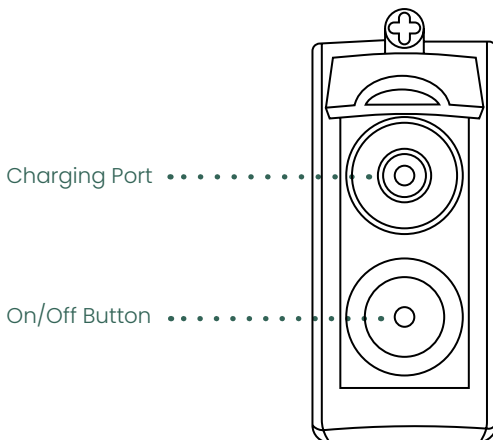
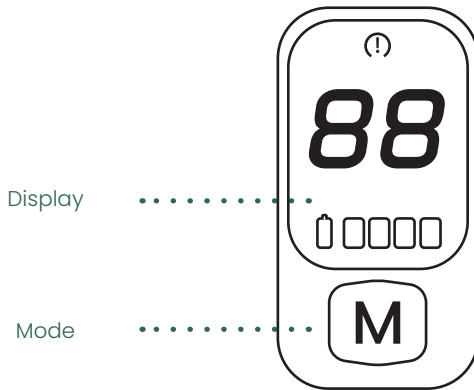


- |              |                |                 |
|--------------|----------------|-----------------|
| 1. Frame     | 9. Brake       | 17. Handlebar   |
| 2. Fork      | 10. Chain      | 18. Stem        |
| 3. Tyre      | 11. Controller | 19. Seat Tube   |
| 4. Rim       | 12. Crank      | 20. Chain Stay  |
| 5. Motor     | 13. Pedal      | 21. Seat Stay   |
| 6. Head Tube | 14. Saddle     | 22. Brake Lever |
| 7. Battery   | 15. Seat Post  | 23. Hub         |
| 8. Display   | 16. Clamp      | 24. Power Panel |

## 1.2 Display and Power Panel

Display Functions:

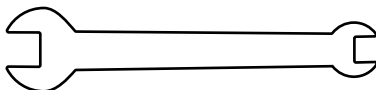
- Battery capacity indicator
- Choosing a motor assistance level from 0 - 3
- Speedometer
- Odometer
- On/Off Button



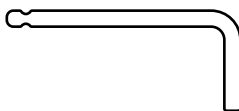


### 1.3 What's in the Box

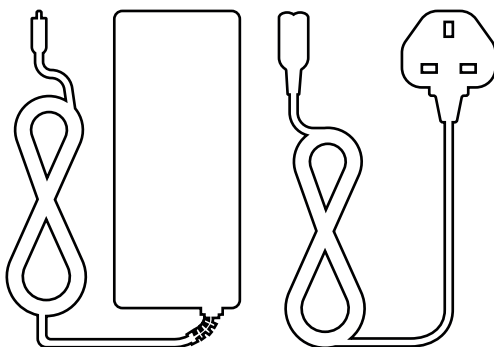
Spanner



4mm Allen Key



Charger



# 2.0

# Assembly Instructions

## 2.1 Front Wheel Installation and Tyre Inflation

1. To secure the front wheel, first unscrew the bolt located on both sides of the skewer using the supplied spanner.

2. Slide the front wheel into the front fork making sure the brake rotor fits in between the brake calliper.

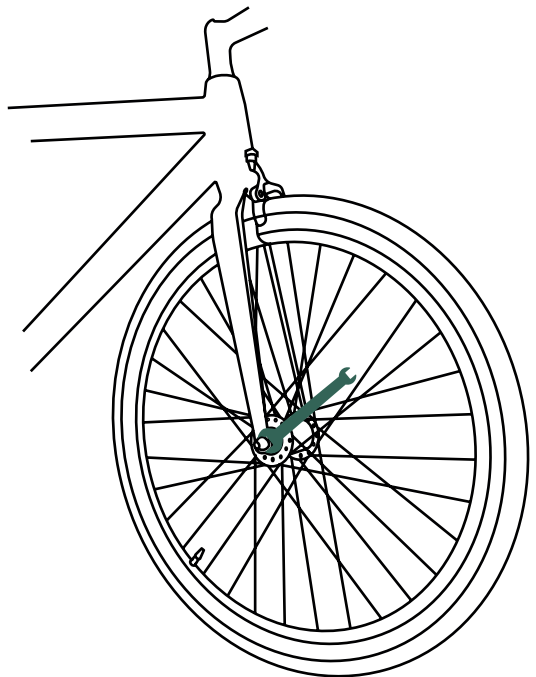
3. Apply a small amount of downwards pressure on the bike frame to ensure the wheel is seated correctly.

4. Tighten the bolt either side of the wheel until it feels tight and secure using the supplied spanner.

Note: the wheel should be able to spin freely with no part of the brake rotor rubbing. Do not depress the front brake lever before installing the front wheel. This can cause the caliper piston to be pushed beyond its limit.

5. Using a tyre pump with a pressure gauge, inflate both tyres to the PSI indicated on the sidewall of the tyre.

Note: if the tyres are pumped to an incorrect pressure the range and comfort of the eBike will be affected.



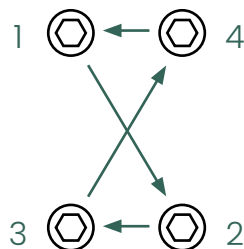
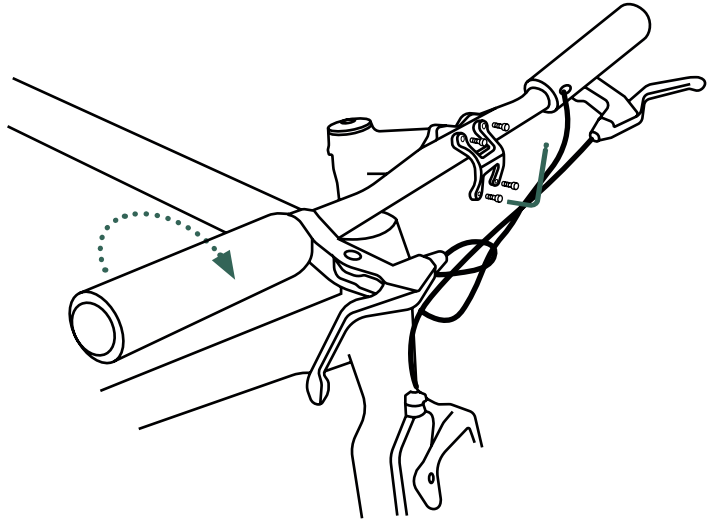
## 2.2 Adjusting the Handlebars

1. In order to install the handlebars, start by unscrewing the 4 bolts of the stem plate anti-clockwise using the 4mm Allen key provided.

2. Place the handlebars into the groove and replace the stem plate using the bolts to secure it. Only tighten the bolts  $\frac{3}{4}$  of the way. Ensure the brakes are on the correct side of the bike and the cables are not tangled.

3. Adjust handlebars so they sit centrally to the stem. Rotate the handlebars to an angle where pulling the brake levers is comfortable.

4. Tighten the stem plate bolts incrementally in a cross pattern as illustrated. This ensures even pressure across all bolts.

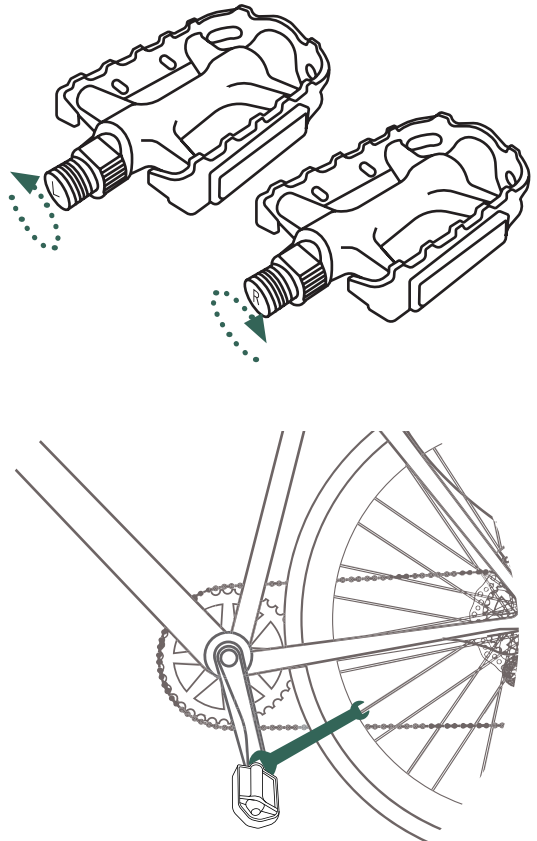


## 2.3 Installing the Pedals

1. In order to install the pedals, identify the **Left** and **Right** pedal by its marking.
2. The Right Pedal is for the drive side (the side with the chain) and the Left is for the non-drive side.
3. Using the 15mm spanner included, secure the **Left** pedal onto the crank by

tightening **Anticlockwise**. Secure the **Right** pedal by tightening **Clockwise**.

Note: There shouldn't be much resistance when threading the pedals. If you encounter high resistance, undo the pedal and try again.

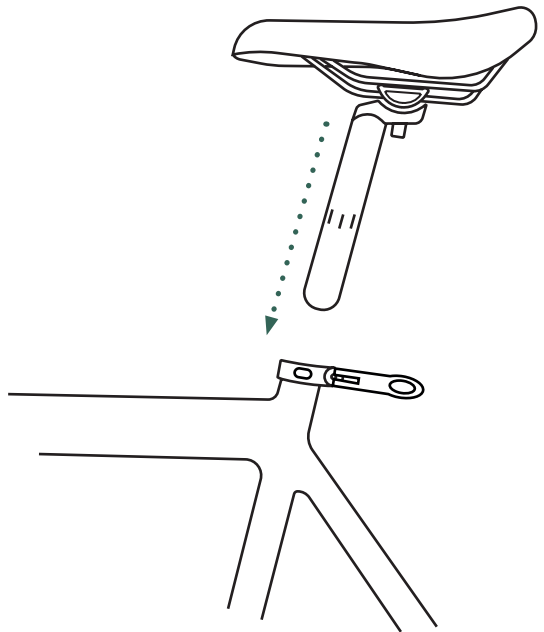


## 2.4 Installing the Seat

1. To install the seat, loosen the quick release on the bike frame.
2. Insert the seat post into the bike and adjust to your desired height, securing by closing the quick release tightly.

3. Correct seat height is achieved when your leg is slightly bent when the pedal is at its lowest point.

Note: the seat must be inserted a minimum of 10cm.



# 3.0

# Instructions for Use

## 3.1 Checklist Before Riding

To ensure your safety, please check your eBike as detailed below.

- Check that the tyre pressure is pumped to 60 psi
- Check that the brakes work. Your eBike should come to an immediate stop on flat terrain. Ensure you can brake sharply on downhill slopes.
- Check the condition of handlebars, tyres, cranks, pedals, saddle and other important parts. Check that all the parts are screwed/secured tightly.
- Check that there is no noise while riding your eBike.
- Make sure the seat is at a comfortable height.
- Wear a helmet for your safety.

## 3.2 Start your eBike

Turn on the battery inside the downtube using the on/off switch, then press the ON/OFF button at the back of the display.

Re-charge your eBike no later than when there is only one bar of power left on the display.

Choose the appropriate assistance level by using the up and down buttons on your display. The motor will assist you once you start pedalling.

There are 4 levels of assistance on the display. The motor can provide assistance in steps from 0% to 100%.

## 3.3 Notes During Riding

Frequent braking and accelerating will deplete the battery faster.

Observe local speed limit laws. The eBike is limited to the EU/UK limit of 25km/h. The motor will stop providing assistance once this speed is reached.

The motor will stop assisting when you stop pedalling.

Your eBike's rated maximum load is 120kg including rider. Do not overload. Do not have more than 1 person on the eBike at any one point.

## 3.4 At the End of Each Journey

Come to a safe stop, out of the way of traffic or pedestrians.

Turn off the battery using the on/off switch to stop the motor providing unwanted assistance. If you fail to do this, the motor could start suddenly if pressure

is mistakenly applied to the pedals, causing accidents.

For your safety, please maintain and clean your eBike regularly in accordance with the instructions in this manual/on our website.

# 4.0

# Instructions for Charging

## 4.1 How to Use the Battery

To charge the 700C,, open the cover located on the side of the bike and insert the supplied AC charger into the port.

Plug the charger into the mains and observe the colour of the indicator light on the bike.

An orange light indicates the bike is charging.

A green light indicates the bike is fully charged.

It takes 3-5 hours to fully charge an empty battery. When the charging is finished unplug the electrical plug first, then unplug the charging plug connected to the eBike, in this order.

The 700C has a lithium battery. It has no memory effect, so you can charge or discharge anytime. In normal circumstances, the battery can be used for more than 2 years.

## 4.2 Battery Charging for the First Time

Users need to charge the battery fully 1-3 times by observing the following:

When charging is completed for the first time, continue charging for 4 hours. This will take the initial charging time to approximately 6 hours.

This allows full activation of each cell within the battery, ensuring a healthy battery.

Please repeat this for the first 3 uses of the eBike.

After this, normal charging patterns are ok.

## 4.3 Notes for Charging

Please charge the battery in a safe place.

To protect the battery, only use the original charger. Please do not use this charger to charge other eBike batteries. If you require a secondary charger, please contact Joulvert..

The charger contains a high-voltage circuit, do not dismantle it.

Please avoid any liquid or metal filings falling into the charger. Please protect the

charger from impact. Do not drop or drop objects onto it.

Do not cover the charger when it is charging. Failure to do so can cause it to overheat.

Please keep and use your charger in a dry and ventilated environment.

During charging, if the charger emits any odour or becomes excessively hot, please stop charging and contact Joulvert..

# 5.0 Maintenance and Troubleshooting

## 5.1 Maintenance of your eBike

Lubrication is an important aspect of eBike maintenance. Cassette sprockets, chain and shift pivot of fork require regular inspection, cleaning and lubrication.

Check the brake system regularly paying close attention to the thickness of the brake pads. If below 0.8mm or you notice cracks or contamination, replace promptly.

Check the fixing points/screws of every part regularly. If any parts are loose, please tighten them to the recommended torques.

Clean your eBike regularly with soapy water. Do not use direct streams of water. Whilst the eBike is water resistant, ensure it is dried after riding in wet conditions to avoid rust.

## 5.2 Cleaning your eBike

Do not wash your eBike with a hose or high-pressure hose. This can cause the failure of electrical components or accidents caused by damage to electronic components and circuits. Do not rinse the electrical parts of your eBike, use a damp cloth only.

Using natural detergents only, use a rag to clean the eBike's surfaces gently. Then wipe and dry the eBike with a dry cloth.

Give your eBike's cassette, chain and chain-ring a coat with lubricating oil periodically to ensure the smooth running of the eBike's drivetrain.

## 5.3 Maintenance of Battery

When the eBike is not used for extended periods of time, the health of the battery must be maintained by ensuring its stored at 80% charge and charged every 2 months.

Be careful, an empty battery can be self-discharged quickly. When left alone for extended periods, the battery will discharge itself irreversibly. If this happens

the battery cannot be charged any more and a replacement will be required.

Clean visible oxide on the plugs metallic part, or change a plug if the plug becomes hot during charging. Extended periods of excessive heat will lead to a short circuit and damage your charger and battery.

## 5.4 Screwing Torque Recommendation

Handlebar and Stem: 4-5n.m

Stem and Fork: 4-5n.m

Seat and Seatpost: 18-20n.m

Seatpost and Seat Tube: 18-20n.m

Front Wheel: 20-25n.m

Rear Wheel: 30-35n.m

Crankset: 30-35n.m



## 5.5 Troubleshooting

For a full, up-to-date list, please visit our website.

Item	Fault	Check for:	Ways to eliminate
Motor	The motor is not working	<ol style="list-style-type: none"> <li>1. Depleted battery</li> <li>2. Controller is broken</li> <li>3. Motor was too hot</li> </ol>	<ol style="list-style-type: none"> <li>1. Charge the battery</li> <li>2. Contact Joulvert for replacement</li> <li>3. Wait a few minutes</li> </ol>
	The motor works intermittently	<ol style="list-style-type: none"> <li>1. The connector to the motor is loose</li> <li>2. Voltage of the battery is too low, the controller starts low-voltage protection</li> </ol>	<ol style="list-style-type: none"> <li>1. Reconnect the motor</li> <li>2. Charge the battery</li> </ol>
	The motor is powerless	<ol style="list-style-type: none"> <li>1. Voltage of the battery is too low</li> <li>2. Motor is damaged</li> </ol>	<ol style="list-style-type: none"> <li>1. Charge the battery</li> <li>2. Contact Joulvert</li> </ol>
Battery	A short time of charge and discharge of the battery	<ol style="list-style-type: none"> <li>1. Failing in charging due to charging voltage</li> <li>2. Decline of battery capacity</li> </ol>	<ol style="list-style-type: none"> <li>1. Check the charging document and use the provided charger at the specified voltage</li> <li>2. Contact Joulvert</li> </ol>
	The battery has changed shape	<ol style="list-style-type: none"> <li>1. The temperature of the charging environment is too high</li> <li>2. The chargers output is too high</li> <li>3. Screw attachment has penetrated battery</li> </ol>	<ol style="list-style-type: none"> <li>1. Contact Joulvert immediately and do not use</li> </ol>
Charger	The light on the charger is not working	<ol style="list-style-type: none"> <li>1. Loose power supply of the socket</li> <li>2. The connector for the indicator light is loose</li> <li>3. The indicator light is broken</li> </ol>	<ol style="list-style-type: none"> <li>1. Check the outlet, make sure the power is on</li> <li>2. Check the connection of the charger at the mains supply, at the charging link and on the eBike</li> </ol>
	The green light is not lit after 5 hours charging	<ol style="list-style-type: none"> <li>1. The charging voltage is too high</li> <li>2. Battery is damaged</li> <li>3. The indicator light of the charger is broken</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace the charger</li> <li>2. Replace the battery</li> <li>3. Contact Joulvert for spare</li> </ol>
	Red and green lights go off quickly when electricity is connected	<ol style="list-style-type: none"> <li>1. Connection is faulty</li> <li>2. Charger is electrically shorted</li> </ol>	<ol style="list-style-type: none"> <li>1. Check all connections are secure</li> <li>2. Contact Joulvert for spare</li> </ol>

# 6.0

# Warranty

If there are any problems with your eBike, please contact Joulvert

## 6.1 Warranty Scope

Any fault caused by the condition below is not in the warranty scope:

1. Use/maintenance of the eBike outside the recommended use specified in the 'Important information' section.
2. Any damage caused by human error.
3. Using the eBike outside of the recommended usage, or riding dangerously.
4. Dismounting any parts without the manufacturer's permission.
5. Use of parts not compatible with the manufacturer's original parts.
6. Damage caused by traffic accidents and other accidents.
7. Riding on an improper road.
8. Use for business or rental services.
9. Natural disaster.
10. Repair of eBike at an unqualified and/ or unauthorised dealer or any other place not specified by Joulvert.

11. The quality guarantee is regarded as invalid if it is not sealed by an authorised dealer or filled in with the date of purchase, frame number and battery number.

12. If the quality guarantee is altered by you, you will not have the right of warranty.

13. Do not use the eBike on steep hills riding upwards, it can cause the motor to overheat and the controller will shut down the motor temporarily. If the motor gets too hot because of excessively steep hills, do not repeat this process. The overheat shut down function is an emergency shutdown procedure and is not to be practised repeatedly.

14. In a warranty claim, the manufacturer has the right to keep parts which have to be replaced in order to assess the cause of failure.

## 6.2 Warranty Periods of Main Parts

Main Parts	Warranty Period
Frame	2 years
Fork	2 years
Transmission System	1 year
Motor	1 year
Battery	1 year
Charger	1 year
Display	1 year
Controller	1 year

# 7.0

# Disposal

## 7.1 Battery Disposal

Batteries can contain precious metals which are a risk to the environment and human health if disposed of incorrectly. In accordance with directive 2006/66/EC of the European Parliament, the collection, recycling, treatment and disposal of defective or used batteries must be disposed of in an environmentally friendly manner. Please dispose of used batteries

in a recycling facility or return to us at Joulvert via our website.

**DO NOT DISPOSE OF BATTERIES IN DOMESTIC WASTE.**

Please inform yourself about the applicable national regulations in your country and observe local laws.



