



ORDICA

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Greener, Smarter & Further

NEW



ELECTRIC BIKE MANUAL - PLEASE READ ME FIRST!



ORDICA Electric Bikes

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1. YOUR ORDICA NEO E-BIKE

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ORDICA NEO 27.5 INCH - IN CHARCOAL

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ORDICA NEO 27.5 INCH - IN NAVY

1. INTRODUCTION

For your safety and for the safety of others, we recommend that you obey all road regulations and wear a protective helmet. For optimal, safe and enjoyable use of your e-bike, make sure you thoroughly read this user guide before you first ride.

Have a pleasant ride!

2. GENERAL PRESENTATION OF THE VEHICLE

General information

Total weight of bike with battery: 27.5

inch is 25kg Approx

Assisted speed: 25 ~ 27km/h

○ 1 Mid drive motor: 36V 250 W

Multi-function display with Bluetooth

Permissible weight of the rider: 100KG

Maximum total weight: 125KG (includes the ebike)

Battery

Lithium-ion : 36V14Ah Samsung Cells

Charge time: 2-8 hours with the 2Ah charger

Autonomy: Between 70 and 120 km (depending on the assistance level)

2 charge indicators on the display unit: 1 located on the handlebars and 1 located on the battery

Battery Weight: 3.1~4 kg

Bike Components

Frame Material = Alloy 6061

Frame Size 27.5In

Suspension Fork

Sram 8 Speed Gears

Schwalbe Tires

Rear Rack Carrier - Maximum 15~20Kg

Rim - Alloy 27.5 Inch

Tektro Hydraulic Brakes

Adjustable Alloy Stem

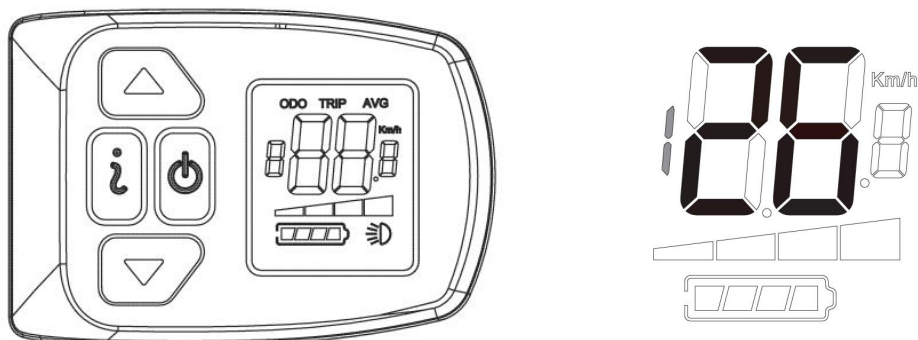
Front & Rear Mudguards

Front/Rear Lights use dry cell batteries.



3. USING THE E-BIKE

Before each ride, make sure that your battery is fully charged.
The 4 bar battery indicator located on the display indicates the battery charge level.

DISPLAY PANEL





To Turn Display ON/OFF button

Short press  start to turn ON. Long press  for three seconds turn OFF

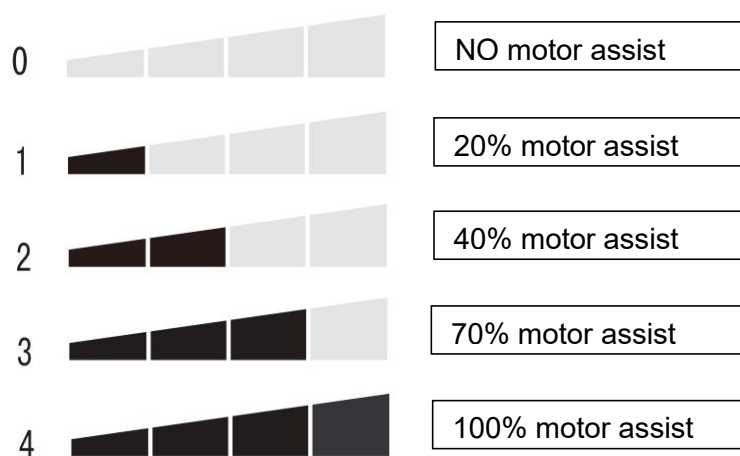
Select your desired assistance level and begin to pedal. You'll find that the motor starts as soon as you start pedaling.

To Activate Motor Assist

Short press  to increase motor assist.

Short press  to reduce motor assist.

There are 4 Level of Motor Assist, each level will increase more power to the motor.





Our Ordica Neo mid drive electric bicycle comes with 8 speed sram gears. To adjust the gears please press the gear shifter forward to your desire gear which is located on the right hand side of the handle.

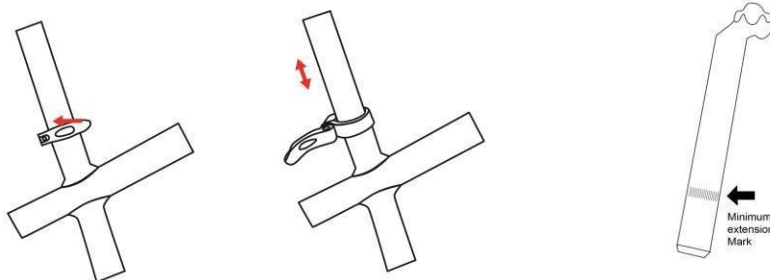
You can also use your bike without the electric motor assistance mode by turning your level assist to OFF mode or turn off the battery.

The motor will then feature zero resistance: you'll be freewheeling. Select the appropriate gear by shifting the 8-speed gear lever.

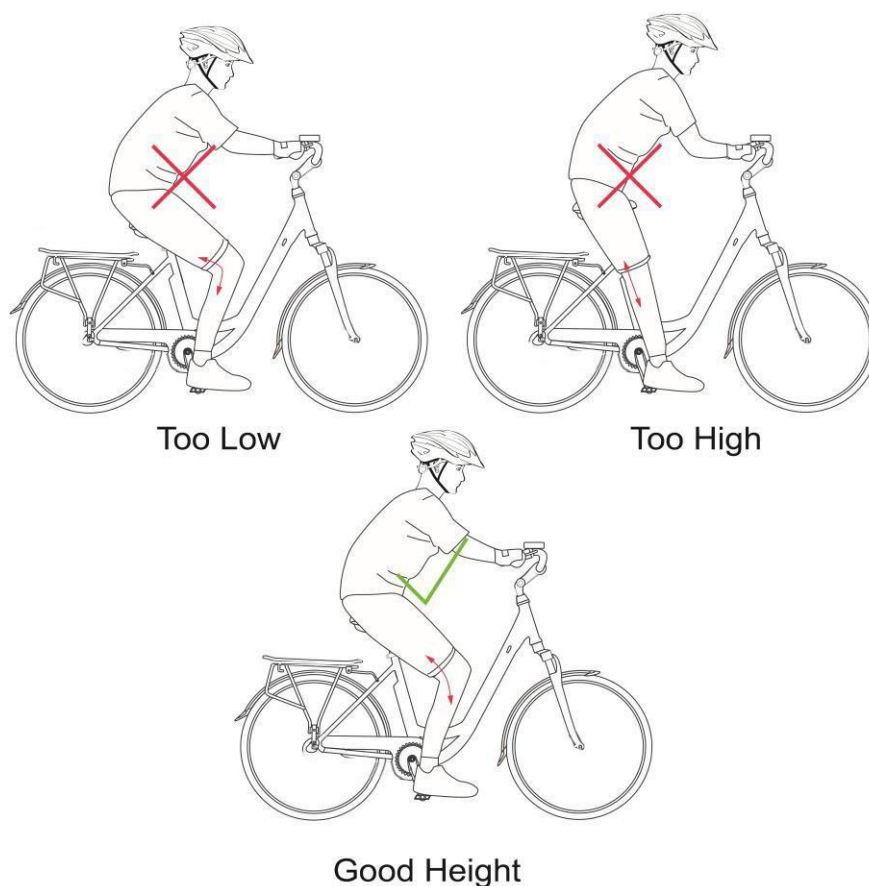
QUICK-RELEASE DEVICES

Tighten the adjusting nut by hand and move the quick release lever to the closed position.

You should feel considerable resistance while moving the lever. If not, re-open and re-tighten the lever, then move it to the closed position so it is in line with the frame.



How to adjust the saddle height to suit the rider



PRECAUTIONS REQUIRED PRIOR TO EACH RIDE

Check that the brakes and the front & rear lights are all working properly. Also check the pressure of the tires.

Make sure that the hinges on your bike are properly locked. When using the bike on a regular basis, the tension of the hinges' adjustment and locking systems will move slightly. Whenever necessary, adjust the tension again.

This bike is not designed for rough usage condition, such as jumps, riding up or off of pavements, and riding on unpaved roads. For your own safety, **DO NOT** modify the bike. **Please note: if you use the bike frequently, it is recommended that you inspect the state of the fork, the frame, the suspension and the fasteners. The materials and components may be subject to different reactions to usage and wear.**

3.1 LUBRICATION

Frequency	Component	Lubricant	How to Lubricate
Monthly	Chain	Chain Lube or Light Oil	Brush On or Squirt
	Derailleur Pulleys	Chain Lube or Light Oil	Brush On or Squirt
	Derailleurs	Oil	Oil Can
	Brake Calipers	Oil	3 drops from oil can
	Brake Levers	Oil	2 drops from oil can
Monthly	Shift Levers	Lithium Based Grease	
Every Six Months	Freewheel	Oil	2 squirts from oil can
	Brake Cables	Lithium Based Grease	Disassemble
Yearly	Bottom Bracket	Lithium Based Grease	Disassemble
	Pedals	Lithium Based Grease	Disassemble
	Derailleur Cables	Lithium Based Grease	Disassemble
	Wheel Bearings	Lithium Based Grease	Disassemble
	Headset	Lithium Based Grease	Disassemble
	Seat Post	Lithium Based Grease	Disassemble

Note: The frequency of maintenance should increase with use in wet or dusty conditions. Do not over lubricate - remove excess lubricant to prevent dirt build up. Never use a degreaser to lubricate your chain.

3.2 ROUTINE MAINTENANCE

1. Recommended values of the nut torque.

Front Wheel Nuts	22-27 Newton Meters	16.2 - 19.8 ft.-lb.
Rear Wheel Nuts	24-29 Newton Meters	17.5- 21.3 ft.-lb.
Seat Binder Nut	12- 17 Newton Meters	8.8- 12.5 ft.-lb.
Seat Pillar Clamp Nut	15- 19 Newton Meters	11.0-14.0 ft.-lb.
Brake Anchor Nut	7- 11 Newton Meters	5.1- 8.1 ft.-lb.
Handlebar Clamp Nut	17- 19 Newton Meters	12.5- 14.0 ft.-lb.
Head Stem Expander Nut	17-19 Newton Meters	12.5- 14.0 ft.-lb.
Crank Cotter Pin Nuts	9-14 Newton Meters	6.6- 10.3 ft.-lb.
Brake Centre Bolt	2-17 Newton Meters	1.5- 12.5 ft.-lb.

2. Service Checklist

Frequency	Task
Before every ride	Make sure battery are fully charged Check tire pressure Check brakes Check wheels for loose spokes
After every ride	Be sure to fully charge battery Quick wipe down with damp cloth
Monthly	Inspect wires Inspect connectors Check derailleur adjustment Check brake adjustment Check brake and gear cable adjustment Check tire wear and pressure Check wheels are true and spokes tight Check hub, head set and crank bearings for looseness Check pedals are tight Check handlebars and stem are tight Check seat and seat post are tight and comfortably adjusted Check frame and fork Lubrication as per schedule 3.2 Perform safety check
Every six months	Lubrication as per schedule 3.2 Check all points as per monthly service Check and replace brake pads, if required Check chain for excess play or wear Book general bike service (bike dealer)
Yearly	Lubrication as per schedule 3.2 Book general bike service (bike dealer)

4. BATTERY

4.1 INSTALLING AND REMOVING THE BATTERY

To remove the battery, use key and turn anti clockwise the lock which is located along the lower frame. Remove the battery by lifting it out with the key is turned. To put the battery back into place, insert the battery then gently push down against the frame until you hear a click.

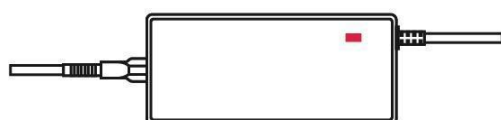


4.2 CHARGING THE BATTERY

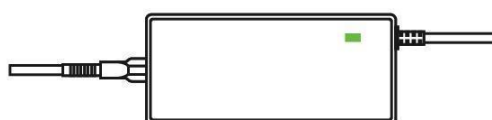
Never let a battery be charged unattended. We recommend charging battery during the day and NOT over night. The battery's voltage is indicated by the 3 LED lights located on the battery, and also on the display unit located on the handlebar. Your battery must be charged in an ambient temperature, on a non-flammable and dry surface, away from any sources of heat, humidity or flammable materials. Also, it must not be covered.

Here are the steps to be followed when charging your battery:

Step 1	Remove battery from the bike.
Step 2	Plug the charger into the socket and then insert the charger's plug into the battery, which is also off.
Step 3	<p>The charger's LED indicators lit up in the following manner:</p> <ul style="list-style-type: none"> • The red LED light will be on: (A) the battery is being charged. • The red LED light becomes green : (B) the battery is fully charged; You can unplug the charger.



(A)



(B)

It takes 2-8 hours for the battery to be fully charged when using the standard charger that's supplied with your bike. Will Vary depending on battery capacity.

4.3 BATTERY AUTONOMY AND LIFESPAN

Autonomy

The bike's autonomy ranges from 60 to 110 kilometers, as it depends on many different factors (degree of assistance used, , rider's weight, frequent stops/start-ups, hills, tire pressure, etc....)

Battery

Your battery is just like a household battery. It contains a limited amount of energy, which diminishes as it is being used over time. Ordica battery comes with 2 Year limited warranty.

Maintenance



If you don't use your bike for a period of time exceeding 2 months, store it in a humidity-free area to protect the electronic components and make sure that the battery is neither completely charged nor completely discharged .(1 or 2 green LEDs lit up)

Note: *Never store a completely discharged battery as it might result in permanent damage. During the winter or long storage periods, it is recommended that you charge the battery halfway every 2 months. Don't forget to switch it off. Store your battery at a temperature between 15° and 25°.*

BATTERY SAFETY INSTRUCTIONS

The battery is an electric component made up of chemical elements. For your safety, it is imperative that you obey the following rules:

- Always handle with great care;
- Always keep it away from children;
- Do not take it apart or hit, pierce or submerge it;
- Keep it away from temperatures exceeding 50°
- Never create a connection between the contacts located at the bottom of the battery;
- Never let the battery charge unattended;
- Never sleep near a battery that is charging;
- Only use the charger that came with your ORDICA or that was supplied by your dealer;
- If your battery is damaged, do not use it and take it back to your dealer as soon as possible

5. SAFETY MAINTENANCE AND RECOMMENDATIONS

5.1 SAFETY RECOMMENDATIONS

Helmet

For safe riding- use of a bicycle helmet.

Tires

Inspect the wear of your tires on a regular basis and verify the tire pressure at least once a month. Tyre pressure: 45-60 PSI depending on the weight of the user.

Wheel-rims

Please take care of the wheel-rims and a clear of any danger of rim-wear.

Brakes

Please check all connections of the Brakes before attempting to ride the bicycle. Secure the front wheel to the bicycle by tightening the quick release mechanism and clamping the lever to the closed position. **Important: braking distance increases on humid or slippery ground.**

Saddle-post

Suitable covering and coil springs are needed under the saddle if a child-seat is fitted to prevent trapping of fingers.

Reflector

Positioning of reflectors and lights such that these are not obscured when pannier is attached to the rack carrier.



Gears

Like the chain, the freewheel must be kept clean and well lubricated. If the chain has become worn and needs replacing, then it is likely that the freewheel will also have become worn and should also be replaced. Take the chain off the freewheel and rotate it with your hand. If you hear a grinding noise or the freewheel stops suddenly after spinning it, it may need adjustment .

Rear Rack

Maximum load: 25kg. This carrier is not designed to pull a trailer. Don't install the child-seat on the carrier. The bicycle may behave differently (particularly with regard to steering and braking) when the carrier is loaded. Please ensure that any pannier fitted to the carrier is securely fitted in accordance with the manufacturer's instructions and that there are no loose straps that can get caught in any of the wheels. Please distribute pannier evenly between the two sides of the carrier.

Signaling device /Bell

The bike is silent. In order to alert others as to your presence, you have an approved signaling device(Bell): use it only when absolutely necessary, don't abuse it!

WARNING: As with all mechanical components, the bicycle is subjected to wear and high stresses. Different materials and components may react to wear or stress fatigue in different ways. If the design life of a component has been exceeded, it may suddenly fail possibly causing injuries to the rider. Any form of crack, scratches or change of coloring in highly stressed areas indicate that the life of the component has been reached and it should be replaced.

5.2 MAINTENANCE

Caution

Bike maintenance and repair require specific skills and appropriate tools. Do not repair your bike or change any of its settings if you have the slightest doubt regarding your ability to correctly proceed with such work. Contact your dealer. Any adjustments or repairs that are not properly done can damage the bike and lead to accidents resulting in extensive injuries. Using only genuine replacement parts for safety-critical components;

Cleaning

Always remove the battery when cleaning. Use soapy water or water mixed with a gentle detergent, and then rinse with clean water. Make sure that the controller located behind the battery compartment is not exposed to humidity as it contains electronic components. **Do not use a high pressure washer!**

Maintenance

Used parts must be disposed of in appropriate selective sorting recycling bins. A battery that no longer works must be returned to your dealer so that he may pass it on to a recycling company.

Engine/Motor:

The motor does not require any sort of maintenance.

Chain:

It is recommended that you lubricate the bike's 8 speed gearwheels and chain on a regular basis using appropriate products (ask your dealer for advice).

6. WARRANTY

Your bike comes with 3 years frame warranty and 2 years on motor and battery and 1 year on bike parts. **Warranty is not transferable**. Details regarding the warranty coverage terms is available from your dealer. Please make sure that you register your bike [serial number to activate warranty](#).

Have a pleasant ride!
