

OPERA

888

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CONGRATULATIONS ON YOUR NEW PURCHASE!

Welcome to the OPERA family and a huge thank you for choosing to purchase from us. More importantly, congratulations on choosing a smarter and more engaging method of movement!

We are pleased to inform you that we have a national network of support experts across Australia and offer an industry-leading warranty on your new product (more details can be found in this booklet), allowing you to ride worry-free.

Our team of dealers, technicians, partners, and other staff is always ready to assist you, including our head office team, which is full of knowledge and useful information to help you if needed.

Additionally, by purchasing from us, you are supporting a company that employs a passionate and dedicated team striving every day to provide some of the best customer support in the industry, along with high-quality and innovative products for which we work tirelessly.

Don't forget to follow us on Facebook, Instagram, and other social media, where we will continue to provide you with useful tips, tricks, and insights on everything electric!

Again, a HUGE thank you and our best wishes!

The Opera Team

P.S. Remember to document the serial number of your bike (located on the headpost) - in the event of theft, you can provide it to the authorities.

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QUICK START GUIDE

BIKE TURNING ON To turn on your bike, simply hold the [POWER] button on the keypad/display located on the handlebars.

PEDAL ASSIST LEVELS Using the [+] and [-] buttons on your bike's keypad, you can set the assist level from 0 to 5. This means 0 = no motor assistance while pedaling, and 5 = maximum motor assistance while pedaling.

SHIMANO GEARS Using the shifter on the right-hand lever, pull the front trigger to shift [UP] and press the rear trigger to shift [DOWN] from gears 1 to 7 (on 7-speed bikes). The indicator on the handlebars will show the current gear. [TIP] On hills or from a slower starting position, use gear 1, and at higher speeds, use gear 7. Never change gears when the bike is not in motion.

BRAKES Your bike is equipped with front and rear brakes. To engage the [FRONT] brake, press the right-hand lever, and to engage the [REAR] brake, press the left-hand lever. Remember never to apply the front brakes while traveling downhill, as this may cause the bike to flip and cause injury.

DISPLAY Once your bike is on, use the [+] and [-] buttons to increase and decrease the motor power assistance level to provide more or less power while riding. Holding down the [-] button will activate WALK mode, which will engage the motor at 6 km/h to assist you on difficult terrain.

LIGHTS Bike models equipped with a headlight can be activated by simply holding the [+] button on the keypad to turn on/off. All models have taillights to ensure your safety during dark hours.

ABOUT THE MANUAL

Yes, we know... You'd rather just get out there and start riding your electric bike. But please, do yourself and other road users a favor and take 20 minutes to read this instruction manual before taking your bike out for its first ride - you might also learn something you didn't know before. It's also important to note that this manual is not intended as a detailed service, maintenance, or repair manual and is to be used as a general guide only.

IMPORTANT SAFETY NOTICE BEFORE RIDING

1. If you do not have sufficient skills to assemble your bike, please refer to a local bike store or technician for assembly.
2. Proper maintenance prevents injury! Conduct frequent checks and keep components clean. Refer to Important Safety Checks on Page 2.
3. The use of throttle devices is prohibited on public property and can only be used on private property.
4. For your safety and to get the most out of your new electric bike, please follow all the safety and maintenance instructions listed in this manual. Learning these will make your riding experience more fun and enjoyable, plus will assist you in prolonging the life of your bike.
5. Most Australian states and territories have local laws governing the use of electric bikes. You should check with your local authority before riding your electric bike, to understand where you can ride it, what speed you are allowed to travel, and what safety precautions you have to observe while riding it. As a rule of thumb, you should not exceed 25km/h on an electric bike in public.
6. Always obey local laws, avoid busy areas, and respect pedestrians around you!
7. Children under the age of 16 should not ride or operate this electric bike.
8. Keeping your electric bike well maintained and giving it a thorough check before each ride is essential to ensure a safe and hassle-free ride.
9. Do not ride any bike if you are pregnant, fatigued, unwell, or under the influence of drugs or alcohol.
10. People with no previous experience of riding an electric bike should choose a safe, open place to practice riding the bike before riding in busy areas where there may be pedestrians and/or traffic.
11. Your bike can lose brakes and/or power during your ride at any time due to low battery, mechanical failure, electrical, or other interference. For this reason, you should only ride at speeds that allow you to safely stop without power or brakes.
12. The fastest pedal-assisted speed modes may be highly sensitive. Be sure to be very gentle with controls to avoid being thrown off your bike and only ride to your ability. Start by trying to move as slowly as possible within the lowest speed modes (PAS Mode Level 1), until you are more comfortable in your abilities.

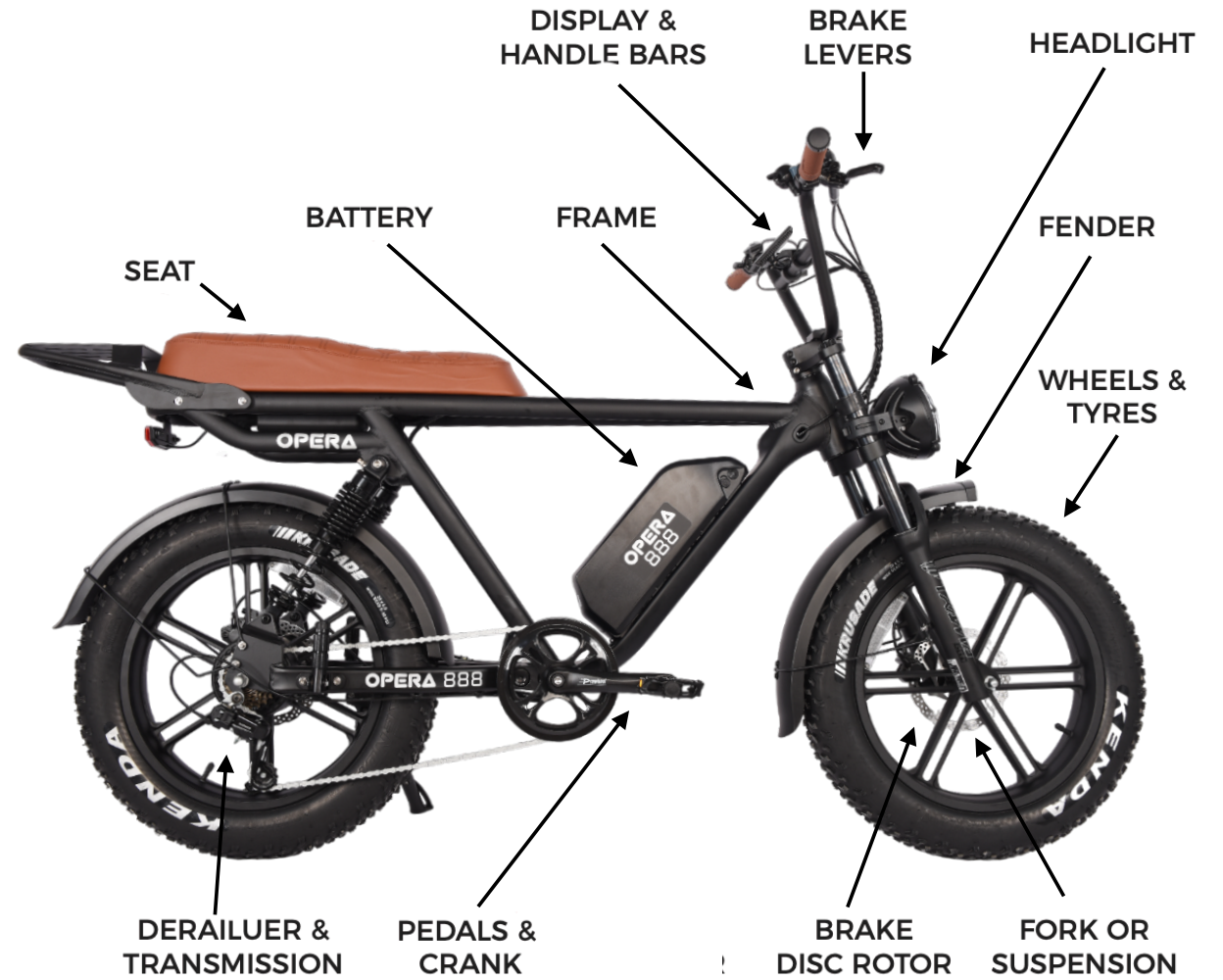
WARNING - IMPROPER USE OR ASSEMBLY OF THIS ELECTRIC BIKE MAY LEAD TO SERIOUS INJURY OR DEATH. ALWAYS RIDE WITH CARE, ATTENTION, AND WEAR APPROPRIATE SAFETY EQUIPMENT.

BEFORE YOUR FIRST RIDE - PRE ASSEMBLY CHECKS

Pre-Assembly Safety Checks & First Operation:

1. Charge the battery to full before initial use. Remove from charge when complete (the light will turn green on the charger). Never leave on charge overnight or unattended.
2. Inflate tires to the correct pressure and ensure the tire is seated evenly on the rim as this will reduce the impact of punctures or tires blowing out. (Never exceed the maximum specified pressure on the side of the tire)
3. Check and ensure all nuts and bolts across the bike are tight, including: • Front & Rear Wheel - Axles / Hubs / Spokes • Brake Disc Rotor Bolts Front & Rear • Brake Calipers Front & Rear • Handlebars, Forks, Cranks & Pedals
4. Check and tighten the front quick-release axles or fixed axles.
5. Check that all items on the handlebars are firm, e.g., brake levers (do not overtighten anything plastic, e.g., display housings, as this will crack the plastic).
6. Ensure brake tensions are sufficient, firm, responsive, and that no leaks are present.
7. Ensure the battery is locked and secured in place before riding.
8. Ensure the chain has sufficient lubricant and the bike is free from dirt and debris.
9. Regularly check battery terminal contacts for debris, corrosion, burn marks, or signs of arcing where bad contact may have occurred.
10. Loading does not exceed the specified weight (generally 120kg).
11. Carrying passengers is prohibited in public areas and should only be practiced on private property where the terrain is smooth and free from dangerous objects which may cause the bike to flip or lose control.
12. Avoid adverse weather conditions such as rain, heavy winds, or extreme temperatures above 45 degrees or below -10 degrees Celsius.
13. Avoid terrain that may present excessive vibrations to the battery pack.
14. Inspect the bike frame and wheels for cracks, corrosion, or damages, etc.
15. Check the traffic and road rules with your local authority and wear the correct safety and protective equipment such as Australian approved helmets, enclosed shoes, clothing, and other necessary items.
16. For cleaning - NEVER HOSE YOUR BIKE! Remove the battery and use a damp cloth, avoiding all electrical components, e.g., motor, display, battery, controller. Allow sufficient time for the bike to dry completely before using.

- ELECTRIC BIKE 1
- CHARGER 1
- SET OF PEDALS (LEFT & RIGHT) 1
- SET OF 2 KEYS 1
- INSTRUCTION MANUAL 1
- BASIC TOOL KIT 1



Installing Handlebars & Pedals

When doing so be careful not to twist wires out of place or damaging the screen/brakes as this may cause components to go out of adjustment or plugs to disconnect.

Ensuring that the front wheel is straight and aligned with handlebars before fixing off.

When installing the Pedals - Look for the "L" and "R" markings on the pedals

- this means the "L" Pedal is fitted to the LEFT Side and "R" is fitted to the RIGHT side.

NOTE: Pedals are Reverse threaded - meaning they tighten in the opposite direction

- check the thread direction before attempting to fit as incorrect fitting may cause damage to the thread and ultimately making the pedals un-usable!

Understanding Transmission & Gears

On almost all of our Bike models we run a Shimano 7 Speed Gear Set of which allows you to tailor your Bike to the conditions you plan to ride in.

For example - If you are to climb a hill you would decrease the Gear Level to 1 to enable you to ride easier up hills with less effort or increase to the highest gear to get maximum speed performance.

If you find your bike is struggling to change gears or tends to jump between gears - this is likely a sign that it is time to have your bike serviced and to have your bikes derailuer adjusted back to the correct position or if your bikes chain is close to the tyre, your hanger bracket could be bent.

Remember You should never change gears unless your bike is moving and in operation - this is not good practice for the longevity of your bikes transmission

Understanding the Braking System

Upon install of the front wheel, Ensure the disc rotor slides directly between the front caliper and the brake pads inside the caliper. Check your Disc rotor and caliper bolts are tight during your regular inspections. By using the LEFT Hand Lever will engage the Rear Brake and the RIGHT Hand Lever will enage the front Brake. Never use Front Brakes when travelling down hills as this can cause the bike to flip or loose control.

BATTERY SAFETY & CHARGING

Getting the Most Out of Your Battery Electric Bikes are proving to be extremely popular methods of transport.

But what are some things you can do to ensure you're using and maintaining your electric bikes battery correctly? We recommend the following tips to ensure your battery life is maximised and any risk of failure is eliminated.

- 1) Place your battery on charge when it is Low (eg. 20%) never run it to empty
- 2) To avoid overheating batteries, never overcharge your device - unplug the device asap once it is fully charged (when light turns GREEN on charger)
- 3) Never store you bikes battery in direct contact to sunlight or hot places
- 4) If you plan to not ride for extended periods of time, place your battery on charge once per month even if not used, this will keep your cells active
- 5) Avoid excessive vibrations to avoid damage to the battery housing and or contacts
- 6) Check the contacts regularly for damage, burn marks, foreign objects etc
- 7) Avoid charging your device on flammable materials, such as the bed, couch or on paper. Always place charger on hard dry surfaces
- 8) Never allow your battery to get wet or be exposed to water/moisture
- 9) Always use a genuine charger approved by the manufacturer, NEVER use an aftermarket or foreign branded charger
- 10) If you battery has been exposed to damage of any kind - discontinue use immediately and have inspected by a professional or dispose of safely
- 11) Store them in a secure, dry, and cool place, and away from flammable materials or objects including metals
- 12) If you notice signs that the battery has a problem, such as overheating, odors, leaks, or change in colour/shape, shut off the device and move it away from things that can catch fire. Dispose of immediately at a certified disposal site
- 13) To properly dispose of lithium batteries, take them to a battery recycling location or contact your local waste management service provider for disposal instructions. Never throw in a general waste bin.

MAINTENANCE SCHEDULE

| SCHEDULE | WEEKLY | MONTHLY | QUARTERLY | 6-12 MONTHS |
|--|--------|---------|-----------|-------------|
| CLEAN BIKE OF MUD AND DEBRIS WITH DAMP CLOTH (DO NOT HOSE) | ✓ | | | |
| CHECK TYRES SEATED ON RIM CORRECTLY & ARE INFLATED TO PRESSURE | ✓ | | | |
| CHECK BRAKE FUNCTION - ADJUST IF REQUIRED (MECHANICAL BRAKES) | ✓ | | | |
| CHECK TIGHTEN QUICK RELEASE WHEEL AXLES, CRANKS & PEDALS | ✓ | | | |
| CLEAN & LUBE CHAIN - CHECK FOR WEAR REPLACE IF NECESSARY | | ✓ | | |
| CHECK ENTIRE BIKE FOR LOOSE BOLTS | | ✓ | | |
| CHECK SUSPENSION SHOCK PRESSURE (IF APPLICABLE) | | ✓ | | |
| CHECK TIGHTEN HANDLE BARS, STEM & HEADSET | | ✓ | | |
| CHECK SPOKE TENSIONS | | ✓ | | |
| CHARGE & INSPECT BATTERY / TERMINALS / CABLES & CONNECTIONS | | ✓ | | |
| CHECK FOR LOOSE ELECTRICAL & MOTOR WIRE CONNECTIONS | | | ✓ | |
| INSPECT TYRE WEAR & REPLACE | | | ✓ | |
| INSPECT OR REPLACE BRAKE PADS (IF BELOW 1MM) | | | ✓ | |
| BLEED BRAKING SYSTEM (IF BRAKING PRESSURE LOST - BLEED ASAP) | | | | ✓ |
| INSPECT, CLEAN OR REPLACE BRAKE DISC ROTORS (IF UNDER 1.5MM - USE APPROVED DISC CLEANERS ONLY) | | | | ✓ |
| BEARINGS / HUBS INSPECT & CLEAN | | | | ✓ |
| INSPECT HEADSET (CLEAN & REGREASE IF REQUIRED) | | | | ✓ |
| TUNE DERAILLEUR / TRANSMISSION | | | | ✓ |
| INSPECT & CLEAN CRANK SHAFT (REGREASE IF REQUIRED) | | | | ✓ |
| INSPECT MOTOR CORE - CLEAN & REGREASE PLANETARY GEARS | | | | ✓ |

REFER TO YOUR LOCAL DEALER FOR SERVICE & REPAIRS. FAILURE TO UP KEEP MAINTENANCE SCHEDULE OUTLINED ABOVE MAY VOID YOUR WARRANTY OR DEEM YOUR BIKE UN SAFE AND COULD CAUSE SERIOUS INJURY OR DEATH.

WARRANTY

OPERA pays close attention to every customer! Quality and warranty are the key words of our company! That's why we back all our products with our extensive national warranty of 2 years for the frame and 1 year for all other parts.

Remember that by Purchasing and Operating this Electric Bike you hereby Agree to our Terms and Conditions of Service.

What Our Warranty Covers:

- Manufacturers Faults, defects and/or Failure

What We Don't Cover:

- Damage or Failure due to misuse (eg. freestyle activities)
- Damage caused by failure to service or up keep of regular maintenance
- Damage caused from water, natural disaster, storms or floods
- Damage caused by incorrect fitment, installation or assembly
- Wear and Tear from General use over time eg. worn tyres
- Products Tampered with or Altered from it's Original Manufacturers State
- People who are not the Original Purchaser as listed on the Purchase Receipt
- Claims outside the Valid Warranty Period from the Date of Receipt
- Damage caused by failure to adhere to the Maintenance Schedule on Page 8
- Accessory Items such as Clothing, Tyres, Tubes, Serviceable Fluids, Perishables or Wear and Tear items

What Happens When I Have a Warranty Problem?

1. Check over this manual to see if there is a solution to the problem at hand
2. Contact the store you purchased from to assist with diagnosing / repairing the problem or a member of our team
3. If a manufacturers fault is established we will ship out the replacement part OR
4. If the fault requires a technician to diagnose, repair or install components we will direct you to one of our dealers, a local bike store or technician for further attention

Warranty Support:

Refer to Your Local Dealer of Purchase or Contact Us at..

Email:

operaebikes@gmail.com

TROUBLE SHOOTING

Battery, Power or Charge Issues

1. Check the battery is fully charged.
2. Ensure the Battery is fully lodged firmly into position and is secure.
3. If flickering occurs on the Display or Rapid Battery Level reduction occurs - refer to step 2 above.
4. Battery not charging - Check all connections are firm. Check the battery charger light turns RED on connection and after several hours, turns to GREEN when complete, only remove from charge when the light is GREEN.

Motor Drive Issues

1. Motor is making severe grinding or unusual sounds - refer to store.
2. Loss of Power or Performance while Pedaling. Check torque sensor wires firmly connected at plugs.
3. Check motor wires firmly connected at plugs.
4. Check Battery Connections are firm and Battery is Fully charged and is secure in place with full contact at the battery terminals.
5. Ensure your Motor Assist Level is 1 or Higher.
6. Test the motor works by Holding the “-” (minus) button on the keypad, if so refer back to Step 2 or Refer to store if problems persist.

Braking Issues

1. Loss of Brake pressure on Mechanical Brakes - Check the adjustment of the brake pads.
2. Loss of Brake pressure on Hydraulic Brakes - Check for leaks at the lever and caliper if leaks detected Refer to store for Bleeding or service.
3. Squeaking from Brakes can be common on new Bikes and will decrease over time as the pads wear in. Check adjustment of pads is correct and that there is no signs of excessive touching to disc - if so replace pads or refer to store for service.

Headlight Malfunction

1. Ensure you are Holding the “+” Button to Activate/De-Activate the light for at least 5seconds via the Display Keypad.
2. Check the cable is connected at the lower plug by the front fender and not at the wire by the Handle Bar Brake Levers.

Gears / Transmission

1. Ensure you are only changing gears while the bike is in motion. If gears are making clicking sounds or are not changing smoothly - a service may be required.
2. Check the Derailleur Hanger Bracket near the Axle / Motor Wire Entry is not bent.