

Estate City





Electric Bicycle (Mens)

Model Number ESTC27M1

INSTRUCTION MANUAL

AFTER SALES SUPPORT

  1300 112 534

 tempo.org/support

MODEL: ESTC27M1 PRODUCT CODE: 712192 04/2023



Welcome

Congratulations on choosing to buy an ESTATE product.

All products brought to you by ESTATE are manufactured to the highest standards of performance and safety and, as part of our philosophy of customer service and satisfaction, are backed by our comprehensive 1 Year Warranty.

We hope you will enjoy using your purchase for many years to come.



ESTATEBIKES.COM

VISIT OUR WEBSITE TO EXPLORE OUR DIVERSE RANGE OF BIKES AND ACCESS OUR QUICK AND HANDY VIDEO TUTORIALS. THESE TUTORIALS WILL GUIDE YOU THROUGH THE ASSEMBLY PROCESS FOR YOUR BICYCLE AND PROVIDE OTHER HELPFUL TIPS ALONG THE WAY.

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Estate
City

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Warranty Details

REGISTER YOUR PURCHASE AT www.aldi.com.au/en/about-aldi/product-registration/ TO KEEP UP-TO-DATE WITH IMPORTANT PRODUCT INFORMATION

The product is guaranteed to be free from defects in workmanship and parts for a period of 12 months from the date of purchase. Defects that occur within this warranty period, under normal use and care, will be repaired, replaced or refunded at our discretion. The benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the Competition and Consumer Act 2010 and similar state and territory laws.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and to compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.



General Safety Instructions

IMPORTANT SAFETY INSTRUCTIONS READ CAREFULLY AND KEEP FOR FUTURE REFERENCE

Read this manual thoroughly before first use, even if you are familiar with this type of product. The safety precautions enclosed herein reduce the risk of injury and product damage. Keep the manual in a safe place for future reference, along with the completed warranty card, purchase receipt and carton. If applicable, pass these instructions on to the next owner of the e-bike.

Always follow basic safety precautions and accident prevention measures when riding a bike (or e-bike), including the following:

WARNING: Read and follow all safety warnings before riding!

- **Local traffic laws:** Some state and local traffic laws may require that your bicycle be equipped with a warning device, such as a horn or bell and a light, if the bicycle is to be ridden after dark. When you are riding on the road, make sure that you are always visible to other vehicles. Please respect the road rules in all circumstances.
- **Protective equipment:** Always wear proper protective equipment, such as an Australian standards-approved helmet, elbow pads, knee pads, long sleeve shirt, gloves, long pants.
- **Wet weather warning:** Slow down your speed when riding in rainy and snowy conditions and in slippery areas. Increase your braking distance to ensure safety. **Use the rear brake lever FIRST, then the front brake lever.**
- **Kickstand:** The kickstand is designed to support the bicycle only, NOT the rider.
- **Always double-check your bike before riding it** (tighten the handlebars and stem, check the saddle, wheels and brakes, etc.). **We strongly recommend that significant mechanical repairs are carried out by a skilled bicycle mechanic.**
- **Height adjustment:** Adjust the seat height and handlebar height appropriately: the rider must be able to straddle the bicycle with at least 2.5cm clearance above the horizontal bar when standing. Please refer to the assembly section for details.
- **Check the tyre pressure:** The tyre pressure range of this E-bike is 345–550 kPa (50–80 psi), which is marked on the tyre. Please ensure that the tyre pressure is within this range to avoid accidents (1psi = 6.895 kPa).
- **Children below 14 years old should not play with the product.**
DO NOT LET CHILDREN INFLATE TYRES. Charging, cleaning and maintenance should not be performed by children without adult supervision.

General Safety Instructions (Cont.)

- **Recommended torque requirements** in Newton metres (N·m) for the following:
 - (A) Front axle nuts: 15-25 N·m
 - (B) Back axle nuts: 20-30 N·m
 - (C) Handlebar clamp nut/bolt: 8-12 N·m
 - (D) Handlebar stem expander bolt: 30 N·m
 - (E) Seat pillar clamp: quick release
 - (F) Brake cable anchor bolt: 1.5-4 N·m
 - (G) Brake mounting bolt: 8-12 N·m
 - (H) Seat clamp nuts: 12 N·m
 - (I) Crank attachment systems: 40-60 N·m
 - (J) Pedal: 35-40 N·m
- **Maximum rider weight:** 100 kg (including rear carrier 15 kg loading; excluding the bicycle weight)
- **This bike is intended to be used on urban roads.** It is not intended for use on unpaved ground or for off-road use. Failure to follow these warnings could result in a fall or accident and permanently and irreversibly damage the condition of your power-assisted bicycle.
- **Night-time operation:** We do NOT recommend riding your bike at night. If you have an emergency that makes it necessary to ride at night, have proper lights and reflectors. Do NOT ride at night without a headlight, taillight, a white front reflector, a red rear reflector and yellow wheel reflectors.
- **On and off-road operation:** Avoid the following hazards: drain grates, potholes, ruts, soft road edges, gravel and leaves, especially when they are wet.
- **Maintenance schedule:** We strongly recommend to establish and respect a periodic maintenance schedule, which will be determined by the frequency and length of your rides, your style of riding, as well as the terrain on which you most often ride.
- **E-bike maintenance:** Before maintenance or cleaning, make sure the e-bike is disconnected from the charger.

WARNING: Never leave the battery charging without supervision!

- **Before first use:** The battery is 60% pre-charged. As it is a smart lithium battery, no special action needs to be taken when first charging. We provide a dedicated smart charger with a charge protection function.
- **Appropriate environment:** Do not use the e-bike (battery) in the rain, in a waterlogged area or in temperatures outside the appropriate temperature range from -10°C to 50°C. The best temperature range is between 0°C and 40°C, too cold or too hot temperatures will affect the battery efficiency and life.

General Safety Instructions (Cont.)

- **Charging the battery:** Only charge the battery in a well-ventilated area. Do not expose the battery to heat or charge it in direct sunlight or in the rain.
- **Do not disassemble or modify the battery.** Do not connect the (+) and (-) connections of the battery with a metal object. Do not expose the battery to liquids. Do not short-circuit the positive (+) and negative (-) battery terminals.
- **Disconnect after use:** Do not leave the battery charger plugged into the power outlet while not in use.
- **Infrequent use:** In the event of non-use, infrequent use or storage, please recharge the battery at least every month to ensure that it will work properly, and keep it in a dry and cool environment. Prolonged storage of an empty battery may damage the battery.
- **Do not let the battery run out of power completely,** otherwise it will damage the battery. The best charge-discharge is 20%–80%.
- **Battery storage:** Do not store or leave the battery near fire. Do not immerse it in water or acidic liquids. Do not allow it to get wet.
- **Battery replacement:** If the battery needs to be replaced, please contact our after sales support centre to purchase a spare battery.
- **Battery removal and disposal:** The battery must be removed and discarded before disposal of the bike. Please ensure that the battery is disconnected from the charger and power supply before removing it from the bike. Dispose of the battery safely and responsibly after the service life of the product.

WARNING: Handle the battery charger with care!

- **Only use the charger supplied with this e-bike to charge the battery.** Do not charge the battery with any other (or universal) charger, doing so will void the warranty. Do not use this charger to charge any other appliance.
- **Indoor charging only:** The charger must only be used indoors.
- **Power cord:** Never pull the external flexible cord of the battery charger to disconnect the charger. The external flexible cord of the battery charger cannot be replaced. If the cord is damaged, the charger shall be scrapped.

Product Overview

Scope of delivery

A Electric bicycle (mens)



B Other inclusions

Battery charger

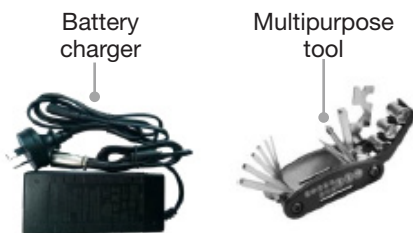
Multipurpose tool

C Documentation (not pictured)

Instruction manual

Quick Start Guide

Warranty certificate



NOTE: Due to continued product improvement, images and illustrations in this manual may vary slightly from the product purchased. All images in this manual are for reference purposes only. Parts are not necessarily pictured to scale. The colour(s) of the bike may differ from those pictured.

Getting Started

Before first use

- **Unpack the e-bike**, making sure to remove all parts from the packaging carton. The carton staples may be sharp, take care that you do not hurt yourself when reaching into the carton to remove parts.
- **Packaging materials:** Keep the original packaging materials in a safe place. It will help prevent any damage if the product needs to be transported in the future, and you can use it to store the e-bike when it is not in use. In the event that the carton is to be disposed of, please recycle it where possible.
- **Unwrap all parts carefully.** If you are using a retractable utility knife or scissors when unwrapping the parts, take care that you do not scratch the metal parts of the bike or pierce the tyres. Remove the plastic covers from the front wheel nuts, base of the fork and stem pillar.

Plastic wrapping can be a suffocation hazard for babies and young children, so ensure all packaging and protective materials are out of children's reach and disposed of safely.

Key removal: The e-bike comes with two keys which are attached to the brake cables. Please ensure you remove the keys and keep them in a safe place, a key is required for locking the battery in place and unlocking it.

- **Assembly requirements:** The e-bike comes partially assembled (as pictured) and requires full assembly by a professional bicycle mechanic or competent person. The stem needs to be assembled with an M6 Allen wrench (35-45 N·m) and the pedals with an M15 Allen wrench (35-40 N·m). Other torque requirements for the different part assemblies are listed on page 6. A multipurpose tool with other tools required for assembly is supplied.
- **Inspect the cord and plug** of the battery charger for damage or wear before each use. Do not use the charger if it is not working or if its cord is damaged. In case of damage, please contact our after sales support centre.
- **Read all instructions** in this manual and make sure you understand all warnings. To familiarise yourself with all the parts and operating principles of the e-bike, please refer to the Product Overview and the remaining sections in this manual. Also pay attention to the safety instructions on the previous pages.

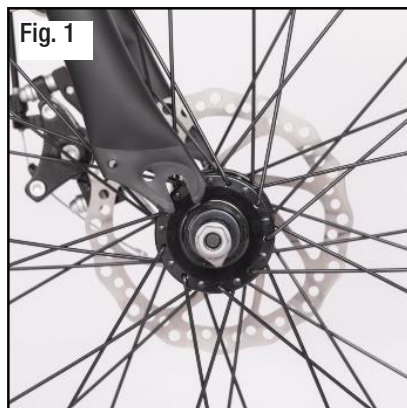


Assembly

Step 1: front wheel assembly

1. Turn the fork until the fork plate points to the front of the bicycle.
2. If the brake cable is closed, undo it, then insert the wheel into the fork (Fig. 1).
3. Install an axle nut to each side of the axle (Fig. 2).
4. Ensure the brake disc is in the middle of the brake caliper (Fig. 3). It is very important that this is positioned correctly, in order for the front brake to work properly.
5. If the caliper touches the brake disc when the wheel moves (see note), slightly loosen the screws holding the caliper to the frame of the bike, using the M5 allen key (Fig. 4). Very gently shift the caliper by hand until it is centered around the disc (see previous step). Hold the caliper in place as you tighten the screws. Double check that the caliper screws have been correctly tightened before riding.

NOTE: The front disc brake has been pre-adjusted; only make alterations to the caliper's position when the disc brake pad touches the rotor.



Assembly (Cont.)

6. Tighten the axle nuts by hand. Make sure there is an equal distance between each fork tube and the wheel (Fig. 5). Then use a wrench and securely tighten the axle nuts (Fig. 6).

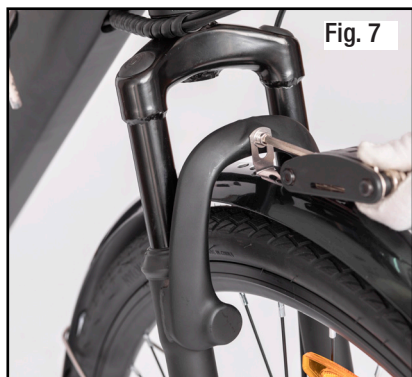
As per the Australian/New Zealand standard, the left brake lever controls the rear brake and the right brake lever controls the front brake. To achieve the maximum amount of stopping power, please use both brakes.



Step 2: front fender (mudguard) assembly

1. Attach the fender hanger on the fork crown, using a tool to tighten the screw from the front (washer against the bike part) (Fig. 7).
2. Adjust the fender position to ensure there is an equal distance between each fork tube. Tighten the screws at each fork tube (Fig. 8).

NOTE: If the fender is touching the tyre, please loosen the bolt slightly.



Assembly (Cont.)

Step 3: stem and handlebar assembly

1. Insert the stem pillar into the fork tube up to the minimum insertion line indicated on the stem pillar.
2. Face the handlebar stem forward, directly in line with the front wheel. Then tighten both stem pillar bolts to a torque requirement of or 17–19 N·m (12–15 ft.lb.) (Fig. 9).
3. The handlebar is semi-assembled on the stem. Loosen the clamp bolts, adjust the handlebar position, then tighten the clamp bolts to 17–19 N·m (15 ft.lb.) (Fig. 10).
WARNING: If you can move it forward or backward, the clamp bolts are not tight enough.



Fig. 9



Fig. 10

WARNING!

Make sure you do not overtighten the stem pillar bolt, which could damage the handlebar stem pillar assembly and result in possible injury to the rider.

Assembly (Cont.)

Step 4: saddle assembly

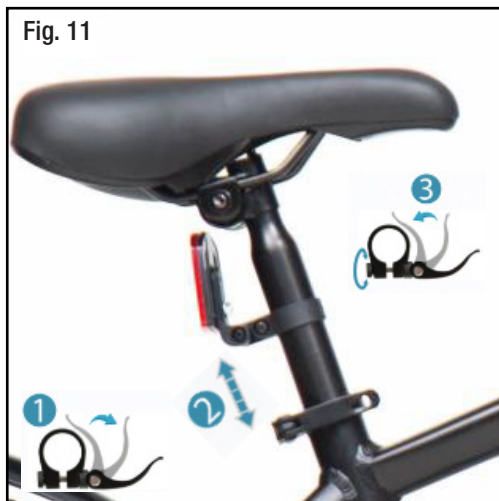
The saddle is pre-assembled to the seat post.

1. Loosen the seat clamp, then insert the seat post into the bicycle frame, making sure that the minimum insertion mark on the seat post is completely inserted into the frame and not visible.
2. Tighten the quick release (QR) seat post binder bolt securely at the desired height. Turning the tension adjustment nut clockwise while keeping the cam lever from rotating increases the clamping force. Turning it anticlockwise while keeping the cam lever from rotating reduces the clamping force (Fig. 11). Less than half a turn of the tension adjustment nut can make the difference between safe clamping force and unsafe clamping force.
3. Adjust the seat angle so that the top of the seat is parallel to the ground or comfortable to the rider.
4. Close the seat clamp.

NOTE: Test the seat to pedal distance by having the rider sit on the seat. When the rider's leg is slightly bent, the ball of the foot should rest on the pedal when it is in its lowest position. If it does not, adjust the seat height as necessary.

Check for tightness by attempting to twist the seat. If the seat is loose, be sure to tighten the clamp nut and binder bolt nut securely.

Fig. 11



Assembly (Cont.)

Step 5: pedal assembly

1. Look for the letters “R” or “L” stamped on the pedal spindle.
2. Thread the pedal marked “R” into the crank arm on the chain side of the bike.
Turn the pedal spindle in a **clockwise** direction. Securely tighten the pedal spindle (Fig. 12).
3. Thread the pedal marked “L” into the crank arm on the left side of the bike.
Turn the pedal spindle in an **anticlockwise** direction. Securely tighten the pedal spindle.

Torque requirements: 35-40 N·m (25-30 ft.lb.).

NOTE: Both pedals should be tightened towards the front of the bicycle.
Start each pedal spindle by hand to avoid stripping the threads.

WARNING!

- For safe operation, the pedal spindle must be securely tightened against the crank arm.
- Always replace damaged pedals, and always wear shoes or sneakers when riding a bicycle.



Assembly (Cont.)

Step 6: reflector assembly

Front reflector (white) and bell

1. Remove the clamp screw from the reflector (or bell) bracket (Fig. 13).
2. Push open the bracket 'loop' and slide it onto the handlebar. (If there is a sizing insert included with the bracket, make sure it is inside the clamp loop before mounting.)
3. Put the reflector (or bell) bracket on an appropriate position on the handlebar (Fig. 14).
4. Tighten the clamp screw securely.

CAUTION: Be sure the reflector is in the same longitudinal plane as the bicycle (horizontal to the ground). If the reflector is aimed up or down, oncoming headlights may not reflect properly in the reflector. If the reflector is not horizontal to the ground, loosen the clamp screw and readjust the angle.

Rear reflector (red)

1. The rear reflector is mounted on the seat post. Put the rear reflector in the correct position by loosening the screws of the rear reflector bracket (Fig. 15).
2. Make sure the rear reflector is vertical to the ground and points straight back.
3. Make sure there are at least 3 inches (>7.5 cm) of clear space between the top of the seat and the top of the red rear reflector.

CAUTION: It is important to check and adjust the position of the reflectors as you assemble your bike. The reflectors must always be vertical (perpendicular to the ground) and pointed towards the front and rear of the bike.



Fig. 13



Fig. 14



Fig. 15

Battery Charging

Battery

The e-bike comes with a removable lithium battery installed on the down tube of the bike. Also supplied is a key (and a duplicate), attached to the brake cables, which you should have removed earlier in the assembly process. The key is required for locking the battery in place or unlocking it for removal of the battery.

1. You can charge the battery while it is attached to or removed from the e-bike.
CAUTION: If you want to charge the battery while it is attached to the bike, make sure the bike is switched off.
2. To remove the battery, turn the key to the “UNLOCK” position and the battery will be ejected (Fig. 16).
3. To attach the battery, place it in its space on the down tube and press firmly until it clicks securely in place. Then turn the key to the “LOCK” position to lock the battery. (When the key is in this position, you can pull it out.)
4. To show the battery status, press the button on the battery. The LED light will illuminate to show the battery status (Fig. 17):
 - Blue: Approximately 75%–100% battery charge
 - Green: Approximately 25%–75% battery charge
 - Red: Approximately 0%–25% battery charge
 - Red flashing: Empty battery, charge immediately

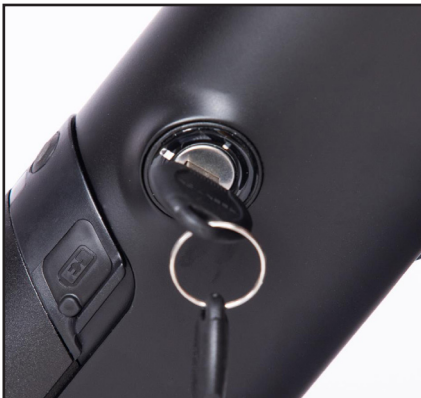


Fig. 16



Fig. 17

Battery Charging (Cont.)

Charger

The e-bike comes with a smart charger for easy charging.

1. Insert the AC plug into an appropriate electrical outlet.
2. Open the battery cover and insert the DC connector into the battery (Fig. 18).
3. When the battery is charging, the charging light illuminates red (Fig. 19).
4. When the battery is about 80% charged, the charging light turns green. At this stage, please charge it for about one more hour, then it will be fully (100%) charged and the charger will automatically stop charging (Fig. 19).

A full charge (from 0% charge to 100%) takes approximately 6 hours.



Fig. 18



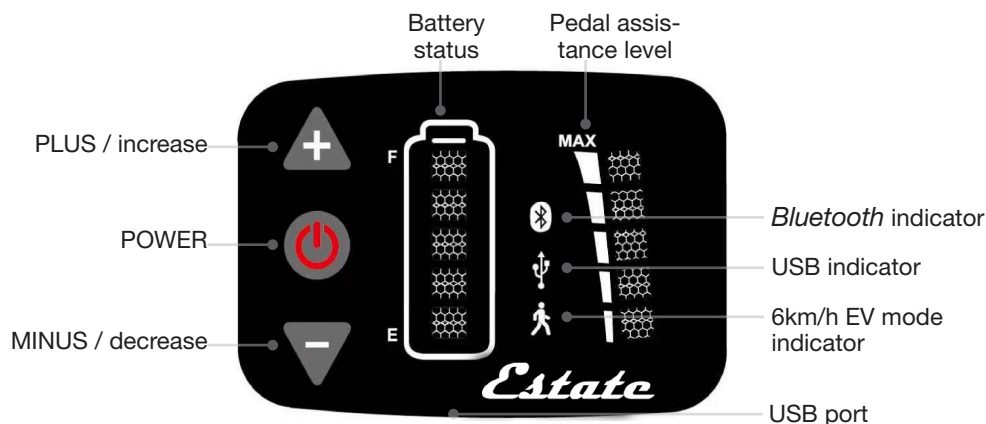
Fig. 19

WARNING!

- **Only use the charger supplied with this e-bike to charge the battery.** Do not charge the battery with any other (or universal) charger, doing so will void the warranty. Do not use this charger to charge any other appliance.
- **Do not leave the battery charging unsupervised.**

Instructions

The e-bike's control panel, located on the left side of the handlebar, lets you turn on the bike for electric power, select riding modes and check the battery status.



Battery status

Shows the battery status from full to empty.

The last LED will flash when the battery needs to be charged.



Pedal assistance level

Shows the pedal assistance level from 1 to 5.

- | | | |
|--------------------|--------------------|---------------|
| 1 (low) | 1 LED light | up to 10 km/h |
| 2 (medium low).... | 2 LED lights | up to 13 km/h |
| 3 (medium) | 3 LED lights | up to 17 km/h |
| 4 (medium high) .. | 3 LED lights | up to 21 km/h |
| 5 (high) | 5 LED lights | up to 25 km/h |



BT indicator

Shows that a device is connected wirelessly via *Bluetooth* technology when using the **Zippo Cycling** app. When no device is connected, it will flash slowly.



USB charging indicator

Shows when the USB port is used for charging.

CAUTION: When this LED flashes while a device is connected for charging, disconnect the device immediately to avoid overloading, otherwise you may risk damaging the display or USB device.

NOTE: Please also refer to the relevant information on the opposite page.





6km/h EV mode

Shows when 6 km/h EV mode is in use.

Instructions (Cont.)



Operation

Turning on/off

- Short-press the POWER [] button to turn on the e-bike (display). The display will show the approximate battery status and pedal assistance modes. When the LED is switched on, the integrated USB port will be powered.
- Long-press the POWER [] button to turn off the e-bike (display). It will turn off automatically if there is no operation for 10 minutes since switching on.

Electric-assisted mode (pedal assistance)



Power assistance is triggered when you pedal forward and it stops when you stop pedalling. In other words, power assistance happens as long as you pedal. You do not need to pedal hard, just apply a light force to the pedals continuously to maintain the current flow. When you apply one of the brakes, power assistance will stop automatically, allowing the e-bike to slow down and stop. Power assistance will turn itself off when the e-bike has reached the maximum speed of 25 km/h.

You must turn on the battery to use the e-bike in electric-assisted mode. Once the e-bike is powered on, you can use the PLUS / MINUS [ / ] buttons to change the pedal assistance level from the five levels available. The indicators will change with the level selected.

- Short-press the PLUS [] button to shift up.
- Short-press the MINUS [] button to shift down.

Using 6km/h EV mode

Once the e-bike is powered on, you can switch to 6 km/h EV mode to gain initial speed before riding the e-bike, or for assistance when pushing (walking along with) the bike.

- Press and hold the PLUS [] button to enter 6 km/h EV mode. The e-bike will start with a speed of 6 km/h.
- Release the PLUS [] button to exit 6 km/h EV mode.

USB charging

The display must be turned OFF when inserting a USB cable. Otherwise the display may turn off automatically to prevent a power surge. Depending on the type of USB cable you are using, the charging current may be limited to below 140 mA, in which case the USB indicator will not illuminate on the display; it will still charge, but not indicate that it is charging. If the charging current is higher than 300 mA, the display will turn off automatically.

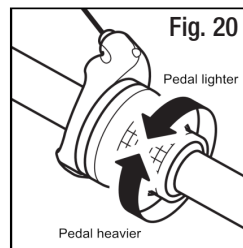
NOTE: The USB port has a maximum output current of 300 mA. We therefore recommend you only use it for emergency charging of your device.

Instructions (Cont.)

Pedal speed changing

The e-bike is equipped with a Shimano 7-speed system with the shifter located at the right side of the handlebar.



- Turn the shifter to get a different tooth ratio in order to change the pedal speed (Fig. 20).



Zippo Cycling app

Installing the app

You can install an app on your mobile device that lets you connect to your e-bike via *Bluetooth*® wireless technology.

- To download and install the app for an iPhone, go to the Apple App Store and search for the **Zippo Cycling**  app.
- To download and install the app for an Android phone, go to the Google Play Store and search for the **Zippo Cycling**  app.

NOTE: This app is supported by Android operating system 7.0 and above only. As there are many different brands and devices on the market using an Android operating system, the connection time may vary. If you experience a delay when trying to connect, please exit and try again.

NOTE: The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc., and any use of such marks by Hands (IP) Holdings Pty Ltd is under licence. Other trademarks and trade names are those of their respective owners.

WARNING!

- With regard to mobile phone use, e-bike riders have to follow the same rules as motorists.
- Do not use the app while riding the e-bike, only use it to check riding speed, distance travelled, battery power, etc.
- Your mobile phone must be in a cradle (not supplied), fixed to the bike for hands-free use.

Instructions (Cont.)

Connecting the app

Once installed, the **Zippo Cycling**  app will appear in your app storage on your device. To pair the bike with your mobile device, proceed as follows:

- Turn on the e-bike display and the *Bluetooth* function on your mobile device. Click the app to open it.
- Click "Searching device" (Fig. 21).
- Enter the default password (123456), then click "Confirm" and wait for connection (Fig. 22).

NOTE: The default password (123456) cannot be changed.

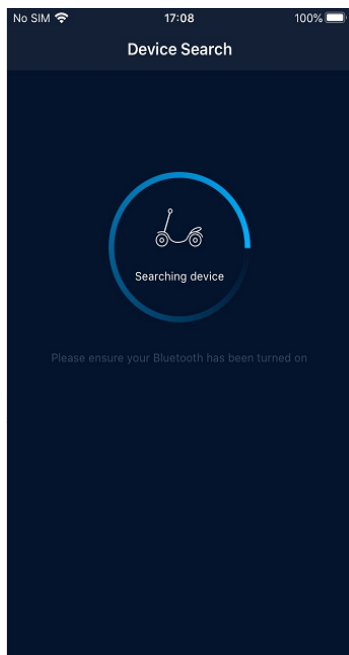


Fig. 21

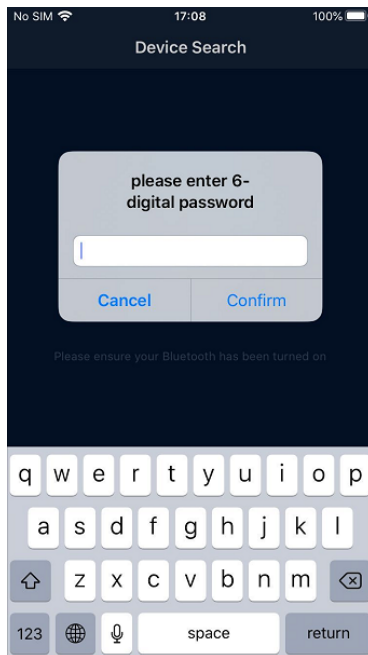


Fig. 22

Instructions (Cont.)

- Once connected (Fig. 23), the *Bluetooth* indicator will illuminate on the display and the app will open (Fig. 24).

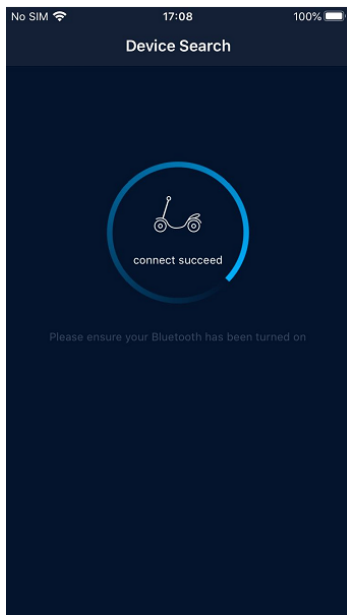


Fig. 23

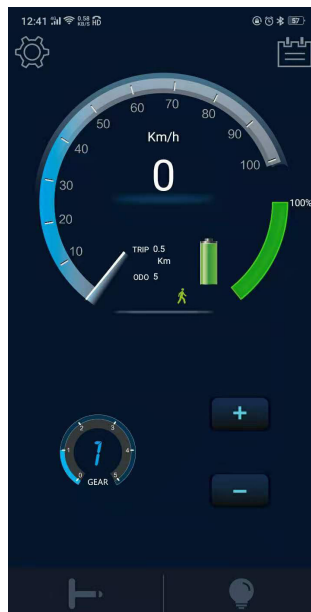



Fig. 24

Instructions (Cont.)

Using the app

- You can use the **Zippo Cycling**  app to:
 - check the riding speed (shown in km/h on the digital display and speedometer)
 - check the pedal assistance level in use (1, 2, 3, 4, 5)
 - check the distance of the current ride (shown in km on the trip meter)
 - check the total distance travelled for the bike (shown in km on the odometer)
 - check the battery power remaining (percentage).

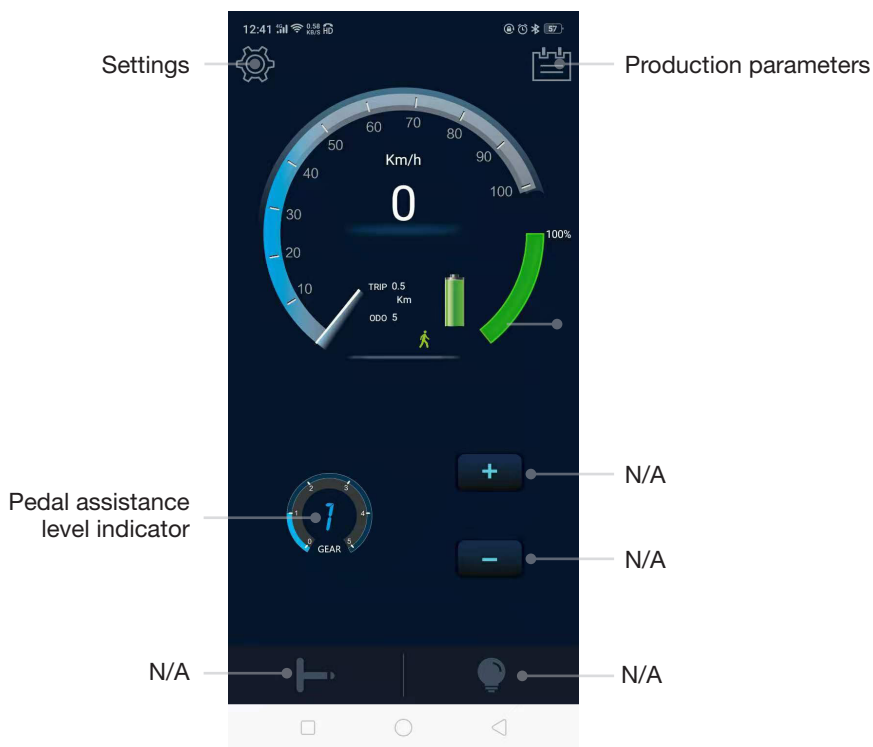




Fig. 25

N/A = not applicable

- On the settings  page you can change the distance display from "km" to "miles", and set the *Bluetooth* password to OFF (you will need to enter the password [123456] to turn off the password). Then click "Finish" (at top right side) after the changing a setting. Other settings may not be changed.
- On the production parameters  page you can check the app, *Bluetooth* and controller versions. Any errors will prompt the appearance of a dialogue box.

FAQs and Troubleshooting Guide

If you experience problems with your e-bike, check in the table below for solutions to common problems. If the problem persists after checking the suggested solutions, please contact our after sales support centre for advice.

Problems	Possible cause	Solution
When turned on, the indicator light won't turn on.	The battery is completely discharged.	Charge the battery.
The motor won't work, the display won't turn on.	The electric cable which connects the battery is loose.	Contact our after sales support centre for a service.
There is no electric power to the bike.	The fuse has burnt out.	Contact our after sales support centre for a service.
The travelling distance has been reduced.	Insufficient battery capacity.	Charge the battery fully.
	The battery is getting old and needs replacement.	Replace the battery. Spare batteries are available for purchase from our after sales support centre.
	Braking frequently, riding uphill or running against the wind continuously.	Use more pedalling.
The indicator light does not illuminate when charging.	The connecting cable is becoming loose.	Insert the charging connector firmly into the socket.
	The fuse has burnt out.	Contact our after sales support centre for a service.
	The charger is damaged.	Replace the charger. Spare chargers are available for purchase from our after sales support centre.
Other issues	Problems with electrical components.	Contact our after sales support centre for a service.

Other Useful Information

Cleaning and care

WARNING!

Clean the e-bike properly and maintain it in good working condition. The warranty will not apply in case of corrosion due to lack of maintenance.

- **After every ride**, wash your bike with soapy water (liquid dish soap is recommended for its ability to remove grease without damaging the bike), but do not wash any electrical parts. **Avoid using high-pressure washers.** Always dry your bike with a soft cloth in order to avoid rust and corrosion. While carefully drying your entire bike, you will also be able to inspect all the different parts and detect any potential problems.
- Lubrication is an important part of maintenance of electric vehicles. The front axle, middle axle flywheel, front fork shock absorber pivot and other components should be scrubbed with an appropriate lubricating oil **every six months**.
- Check the chain tension **after every ride**. The correct chain tension is 8036N. The bike has a freewheel, so you can check the chain tension by spinning the pedals backwards. The chain needs to be as tight as possible without creating friction that will waste energy and wear the chain and cogs prematurely.

Professional bike mechanics are required to carry out the following steps:

- To adjust the rear wheel's position, loosen one side and push the rim between the chain stays to one side to move the loose end of the axle a short distance back or forward. Retighten the nut. Loosen the other side and ease the rim in the other direction so the rear wheel is once again straight in the frame.
- Test again and repeat the process, moving the rear wheel a short distance forward or back until the tension is in the target zone. You need to test by spinning the pedals because neither cogwheel will be a perfect circle so the chain tension will vary as the cranks spin. Once the chain tension is acceptable, tighten both nuts fully.
- During the whole process please pay attention to the motor cable, do not damage or loosen the cable.

Other Useful Information (Cont.)

Storage

When it is not in use, store the e-bike in a cool, dry place, protected from dust, high humidity and frequent temperature changes, and out of reach of children.

For prolonged storage we recommend using the original carton for the bike and storing the battery separately. Please ensure the battery is at least partially charged as prolonged storage of an empty battery may damage the battery.

Service and repair

WARNING: Replace worn parts! 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, scratch or change of colouring in highly stressed areas indicates that the life of the component has been reached and it should be replaced.

After riding the bike for a long time, the efficiency of the liner may be reduced. Please ensure you adjust or replace the inner and outer lining of the disc brake when this occurs.

Spare parts

Our after sales support centre stocks spare batteries and chargers for the e-bike. To purchase a spare part or book a service, please contact our after sales support centre on 1300 112 534 or via tempo.org/support.

Other Useful Information (Cont.)

Technical specifications

Electric Bicycle (Mens)	Model number ESTC27M1
EPAC cut-off speed	25 km/h
Mass of EPAC in the most usual configuration (weight)	21.6 kg
Electric motor max. continuous rated power	250 W
Max. permissible total weight	121.6 kg (bicycle + rider + luggage)
Dimensions (assembled)	185 x 67 x 101 cm
Rechargeable li-ion battery 10INR19/66-3	Model number FP-MY367R5
Rated voltage	36 V
Rated capacity	7.5 Ah, 270 Wh
Dimensions and net weight	43 x 6.4 x 7.7 cm, 2.1 kg
Battery charger	Model number XVE-4200150
Output	42 V 1.5 A
Charging time (from 0% to 100%)	5–6 hrs

* EPAC = electrically power-assisted cycles

WARNING: Only charge the e-bike battery with the supplied battery charger with the model number XVE-4200150.

Compliance

This appliance has been fully tested and meets all requirements as set out by standard AS 15194.



The RCM Mark (Regulatory Compliance Mark) indicates that the product complies with the relevant guidelines of the ACMA as well as corresponding government requirements for the safety of electrical devices.

Other Useful Information (Cont.)

Responsible disposal



Packaging materials are recyclable. Please dispose of them responsibly for recycling.



At the end of its working life, do not throw this appliance out with your household waste. Electrical and electronic products contain substances that can have a detrimental effect on the environment and human health if disposed of inappropriately. Observe any local regulations regarding the disposal of electrical consumer goods and dispose of it appropriately for recycling.

Contact your local authorities for advice on recycling facilities in your area. Or find recycling scheme services listed on Planet Ark's website at www.recyclingnearyou.com.au, or call Planet Ark on 1300 733 712.

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Estate
City

Electric Bicycle (Mens)

Repair and Refurbished Goods or Parts Notice

Unfortunately, from time to time, faulty products are manufactured which need to be returned to the supplier for repair.

Please be aware that if your product is capable of retaining user-generated data (such as files stored on a computer hard drive, telephone numbers stored on a mobile telephone, songs stored on a portable media player, games saved on a games console or files stored on a USB memory stick) during the process of repair, some or all of your stored data may be lost. We recommend you save this data elsewhere prior to sending the product for repair.

You should also be aware that rather than repairing goods, we may replace them with refurbished goods of the same type or use refurbished parts in the repair process.

Please be assured though, refurbished parts or replacements are only used where they meet ALDI's stringent quality specifications.

If at any time you feel your repair is being handled unsatisfactorily, you may escalate your complaint. Please telephone us on 1300 112 534 or write to us at:

Tempo (Aust) Pty Ltd (ABN 70 106 100 252)
PO BOX 132, Frenchs Forest NSW 1640, Australia

Web Support: tempo.org/support

Tempo Help Desk: 1300 112 534 (Aust)
(Operating Hours: Mon–Sat 09:00 am to 06:00 pm AEST)





Warranty returns

Should you for any reason need to return this product for a warranty claim, make sure to include all accessories with the product.

Product does not work?

If you encounter problems with this product, or if it fails to perform to your expectations, make sure to contact our After Sales Support Centre on 1300 112 534 for advice.

For an electronic copy of this manual, please contact our after sales support centre.

Instruction Manual Revision Index

Version No	Issue Date	Description
V1.0	10 November 2022	Original (2023) release
V1.1	31 January 2023	Minor edit on pg 19