

# *Estate*



24 " (61 cm) Mountain Bike  
(Girls' or Boys')

**Model Number EST-MTB24G / EST-MTB24B**

**INSTRUCTION MANUAL**

**AFTER SALES SUPPORT**

  1300 112 534

 [info@tempo.org](mailto:info@tempo.org)

MODEL: EST-MTB24G PRODUCT CODE: 705558 | MODEL: EST-MTB24B PRODUCT CODE: 705559 11/2021

# 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.

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24 " (61 cm) Mountain Bike (Girls' or Boys')

## Warranty Details

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REGISTER YOUR PURCHASE AT [www.aldi.com.au/en/about-aldi/product-registration/](http://www.aldi.com.au/en/about-aldi/product-registration/) TO KEEP UP-TO-DATE WITH IMPORTANT PRODUCT INFORMATION

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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 riding the mountain bike, 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, your purchase receipt and packaging carton. If applicable, pass these instructions on to the next owner of the mountain bike.

**Always follow basic safety precautions and accident prevention measures when riding a bike, including the following:**

**NOTE:** Throughout the instructions, this product may be referred to as mountain bike, bicycle or simply as bike.

### Road Safety

**WARNING: Read and follow all safety warnings before riding!**

- **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.
- **On and off-road operation:** Avoid the following hazards: drain grates, potholes, ruts, soft road edges, gravel and leaves, especially when they are wet.
- **Protective equipment:** Like any other moving products, cycling can be a hazardous activity and it is possible to get into dangerous situations. Always wear proper protective equipment, such as an Australian standards-approved helmet, elbow pads, knee pads, long sleeve shirt, gloves, long pants.
- **Always wear fully enclosed shoes:** Make sure your shoe laces or buckles are done up properly before riding. You must not ride barefoot or in sandals.
- **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.**
- **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. Cyclists should wear a reflective vest at night outside urban areas.
- **Safe riding advice:** Failure to follow the above warnings could result in injury from a fall or accident and permanently and irreversibly damage the bike. If you fall, make sure you carefully inspect your bike before riding again.

# General Safety Instructions (Cont.)

- **Intended use:** This mountain bike should only be used for personal recreational purposes, and not for commercial activities, trade or competition.
- **Usage restrictions:** This mountain bike is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.
- **Children:** Children younger than 10 years should not play with the bike. Cleaning and maintenance should not be performed by children without adult supervision.  
**Do not let children inflate tyres.**

## Bike Essentials

- **Always double-check your bike before riding it:** tighten the handlebars and stem, check the saddle, wheels and brakes, etc.
  - **Steering:** Make certain that the stem is inserted into the head tube to at least the minimum insertion line. Check the clamp nut and stem bolt to make sure they are tightened securely.
  - **Seat:** Check for tightness of the seat clamp and seat post clamp and that the minimum insertion line is inside the frame. See that the seat is at the proper height for the intended rider. Perform each check list below after all assembly instructions and any necessary adjustments have been completed.  
**WARNING: Failure to perform these checks could result in serious injury to yourself and others.**
  - **General inspection:** See that all reflectors have been properly installed. Replace any missing or damaged reflectors. Check all fasteners and tighten if necessary.
- **Height adjustment:** Adjust the seat height and handlebar height appropriately: the rider must be able to straddle the bicycle with at least 2.5 cm clearance above the horizontal bar when standing. Please refer to the assembly sections for details.
- **Tyre pressure:** The tyre pressure range of this mountain bike is 40 psi, which is marked on the tyre. Please ensure that the tyre pressure is in this range to avoid accidents (1 psi = 6.895 kPa).
- **Check the tyre pressure:** Check your tyre pressure before each ride by squeezing the tyre between your thumb and fingers. It should feel very firm, but not hard. When you sit on your bicycle, the tyre sidewalls should not compress very much under your body weight. Use a hand or foot pump to inflate your tyres.  
**Never inflate your tyres with an air compressor at a petrol station.**

# General Safety Instructions (Cont.)

- **Kickstand:** There is no kickstand included. If you add a kickstand, keep in mind that it can only support the bicycle, NOT the rider.
- **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: 35–45 N·m
  - (E) Seat pillar clamp nut/bolt: 18–22 N·m
  - (F) Brake cable anchor bolt: 1.5–4 N·m
  - (G) Brake mounting bolt: 8–12 N·m
  - (H) Seat clamp nuts: 18–22 N·m
  - (I) Crank attachment systems: 40–60 N·m
  - (J) Pedal: 35–40 N·m
- **Maximum rider weight:** 100 kg
- **Maintenance:** We strongly recommend you establish and respect a periodic maintenance schedule, which will be determined by the frequency and length of your rides, style of riding and the terrain on which you most often ride.
- **We strongly recommend that significant mechanical repairs are carried out by a skilled bicycle mechanic.**
- **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.

# Product Overview

## Scope of Delivery

24 " mountain bike (girls' or boys')



## Other inclusions

- M4 Allen key
- M5 Allen key and screwdriver
- M6 Allen key
- M13/M15 wrench

## Documentation (not pictured)

- Instruction manual
- Quick start guide
- Warranty certificate

## Tools

- M4
- M5
- M6
- M13/15



**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.

# Getting Started

## Before First Use

- **Unpack the bicycle**, making sure to remove all parts from the packaging carton—check before you discard the carton. Remove all protective packing materials. 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 bike when it is not in use. In the event that the packaging materials are to be disposed of, please recycle them where possible.
- **CAUTION: 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.

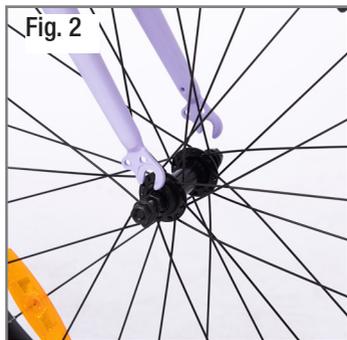
- **Read all instructions** in this manual and make sure you understand all warnings. To familiarise yourself with all the parts of the bicycle, please refer to the Product Overview and the remaining sections in this manual. Also pay attention to the safety instructions on the previous pages.
- **Assembly requirements:** The comes partially assembled (Fig. 1) and requires full assembly by a professional bicycle mechanic or competent person, following the instructions provided. The tools (Allen keys and wrenches) required for assembly are supplied.



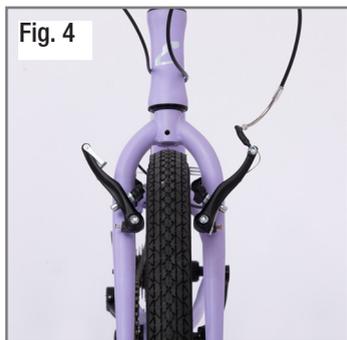
# Assembly

## Step 1: Assembling the Front Wheel

1. Turn the fork until the fork plate points to the front of the bicycle.
2. Insert the wheel into the fork (Fig. 2).
3. Install an axle nut to each side of the axle, making sure the safety clip has been put into the safety hole on the fork (Fig. 3).



4. Tighten the axle nuts by hand. Make sure there is an equal distance between each fork tube and the wheel (Fig. 4).
5. Then tighten the axle nuts securely using a wrench (Fig. 5).



# Assembly (Cont.)

## Step 2: Adjusting the Front Brake

The front V-brakes have been pre-installed at the factory and require adjustment after the front wheel has been assembled.

1. Using an 5 mm Allen key, loosen the cable fixing bolt and adjust the cable tension in each brake arm so that both sides are equally and properly tensioned.
2. After ensuring that the total clearance between both brake pads and the rim is 2–3 mm, tighten the cable fixing bolt (Fig. 6).

**NOTE:** As per the Australian/New Zealand standard, the left brake lever controls the rear brake and the right brake lever controls the front brake, therefore please use both brakes when braking.

### CAUTION!

After long time use of the bicycle, the braking efficiency weakens and the brake pads/discs ideally should be replaced by a skilled bicycle mechanic.

## Brake pad replacement

Using the 5 mm Allen key, loosen the old brake pad bolt and replace it with a new one, then adjust the position and tighten the brake pad bolt (Fig. 7).



# Assembly (Cont.)

## Step 3: Assembling the Stem and Handlebars

1. Loosen the screws on the stem and remove the stem cover (Fig. 8).
2. Fit the handlebars to the stem, ensuring they are centered. Replace the stem cover and partially tighten the screws. Check the handlebars are in the correct position and once satisfied, fully tighten the screws (Fig. 9).



3. The steering stem is supplied assembled, but if you wish to make any adjustments, loosen the screws as shown, and after the stem is in the correct position, tighten the screws again (Fig. 10).



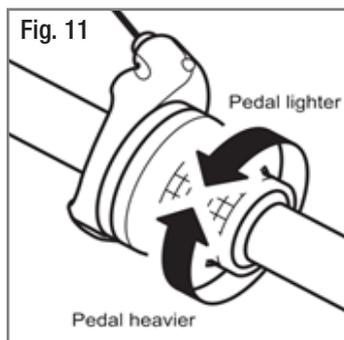
### **WARNING!**

For safe operation, the clamp bolts must be tightened securely. If you can move the handlebar forward or backward, the bolts are not tight enough. Take care not to overtighten and damage the handlebar stem pillar bolt, which could cause injury to the rider.

## Pedal speed changing

The bike is equipped with a SHIMANO 7 speed system and the shifter is at the right side of the handlebar.

Turn the shifter for a different tooth ratio in order to change the pedal speed (Fig. 11).



# Assembly (Cont.)

## Step 4: Installing the Saddle

The saddle is pre-assembled to the seat post (Fig. 12).

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 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. Less than half a turn of the tension adjustment nut can make the difference between a safe and unsafe clamping force.
3. Adjust the seat angle so that the top of the seat is parallel to the ground and comfortable for the rider.
4. Close the clamp.

### IMPORTANT!

Pay special attention to the insertion warning mark.

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 and the feet of a seated rider can reach the ground. 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.



# Assembly (Cont.)

## Step 5: Installing the Pedals

### WARNING!

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

1. Look for the letters “R” or “L” stamped on the pedal spindle.
2. To install the pedals, proceed as illustrated below (Fig. 13):
  - 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.
  - 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:** 20–26 N·m.

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

# Assembly (Cont.)

## Step 6: Installing the Reflectors and Bell

1. Remove the clamp screw from the reflector (or bell) bracket.
2. Push open the bracket loop and slide it onto the handlebar. (If there is a sizing insert included with the bracket, please be sure it is inside the clamp loop before mounting.)
3. Position the bell bracket (Fig. 14) or the reflector bracket (Fig. 15) at a certain position on the handlebar and tighten the clamp screws securely.



### Rear reflector (red)

1. Put the seat post mounted rear reflector in the correct position by loosening the screws of the rear reflector bracket (Fig. 16).
2. Make sure the rear reflector is vertical to the ground and points straight back.
3. Make sure there is a minimum clearance of 7.5 cm between the top of the seat and the top of the red rear reflector.



### CAUTION!

Be sure the reflector is in the same longitudinal plane as the bicycle (vertical 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 vertical to the ground, loosen the clamp screw and readjust the angle.

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 toward the front and rear of the bike.

# Instructions

## Getting Ready to Ride

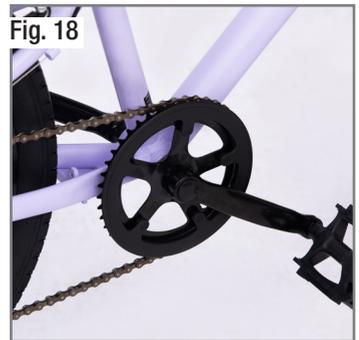
### Wear appropriate clothing

To protect yourself from injury, always wear appropriate clothing and equipment when riding a bike: an Australian standards-approved helmet, elbow pads, knee pads, long sleeve shirt, gloves, long pants. Always wear fully enclosed shoes. Make sure your shoe laces or buckles are done up properly before riding. You must not ride barefoot or in sandals.

### Check the bike before every use

- **Tighten the handlebars and stem**—the stem must be inserted into the head tube to at least the minimum insertion line and the clamp nut and stem bolt tightened securely.
- **Check the saddle**—the minimum insertion line must be inside the frame, the seat clamp securely tightened and the seat at the proper height.
- **Check the tyres**—they must be inflated by hand to the appropriate pressure: 40 psi (1 psi = 6.895 kPa). The tyres should feel very firm, but not hard when squeezed between your thumb and fingers.
- **Check the brakes**—test them before you ride. Replace the brake pad when any part of the brake pad wear groove is not visible.
- **Check the chain**—ensure it is correctly routed (Fig. 17, 18). Clean and relubricate the chain when required. Check for "chain stretch" after extensive cycling.

**WARNING:** Failure to perform these checks could result in serious injury to yourself and others.



Enjoy your ride!

# Other Useful Information

## Cleaning and Care

### **WARNING!**

Clean the bicycle 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.

#### **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 bicycles. 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 8036 N. 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 cables, do not damage or loosen any cables.

## Storage

When it is not in use, store the bicycle in a cool, dry place, protected from dust and high humidity, and out of reach of young children. For prolonged storage we recommend using the original carton.

# Other Useful Information (Cont.)

## 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.

**WARNING: Replace wheel rims and brake pads!** Danger of wheel failure due to rim and brake pad wear! Replace the wheel when any part of the rim wear groove is not visible. Replace the brake pad when any part of the brake pad wear groove is not visible.

## Spare Parts

Our after sales support centre stocks spare alloy bells, wheel reflectors (front and rear), and red rear and white front reflectors for the bicycle. To purchase a part, please contact the centre on 1300 112 534 or email us at [parts@tempo.org](mailto:parts@tempo.org).

## Technical Specifications

Specifications	Girls' bike (EST-MTB24G) Boys' bike (EST-MTB24B)
Maximum rider weight	100 kg
Product weight (net)	11.3 kg
Product dimensions (assembled)	124 x 18 x 63 cm
Lightweight alloy frame	29.5 cm
Tyres	24 " x 2.125 "
Freewheel	Steel cassette 14-28 T, 7 S
Derailleur	Shimano right side 7 S
Chain	½ " x 3/32 " x 110 L
Fork	Steel MTB fork

## Compliance

This appliance has been fully tested and meets all requirements as set out by standard AS 1927.



# *Estate*

24 " (61 cm) Mountain Bike (Girls' or Boys')

## Repair and Refurbished Goods or Parts Notice

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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

Email: [info@tempo.org](mailto:info@tempo.org)

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





**Please read the manual**  
It will help you get the best out of your product.

**Still have questions?**  
Call after sales support  
**1300 112 534**  
Or visit [www.tempo.org](http://www.tempo.org)

## 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	18 June 2021	Original (2021) release
V1.1	12 July 2021	Minor edits on pg 8
V1.2	11 August 2021	Minor edits on pg 6, 11, 13 and 15