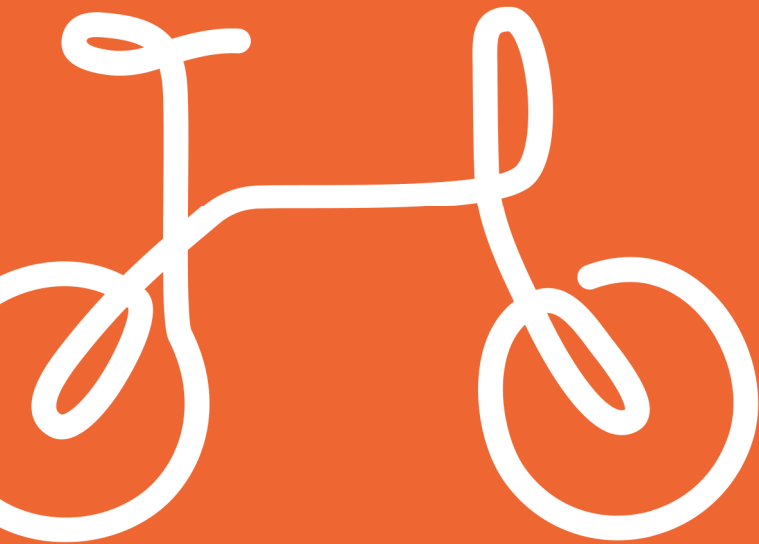


Myycle

The Cargo User Manual



www.myycle.co.uk/manuals

Meet Mycle. Your New Best Mate.

Equipped with motor-powered assistance, the Mycle Cargo brings a boost to every journey. To get the most out of your bike and ensure you're using it safely and correctly – make sure you read this manual before you get out on the road.

Technical Info

Net Bike Weight: 42.2kg (45.2kg for 120km model)
Length: 190cm
Range: 60km from each battery
Battery Capacity: 48V 15Ah
Max Load: 210kg (Combined rider + load weight)
Max Rack Load: 125kg
Type of assistance: Pedal Assist
Power Assist Levels: 5
Motor: 48V 250W Brushless Rear Motor
Max Torque: 65Nm
Maximum speed: 25km/h (15mph)
Seat Post Height: (from ground) 75cm - 95cm
Frame: Aluminium
Fork: Aluminium
Tyres: 20"/CST 3" Puncture Resistant & Reflective
Wheels: Alloy
Rear Cassette: Shimano MF-TZ500-7
Shifters: Shimano 7 Speed
Rear Derailleur: Shimano Altus
Brakes: Tektro Hydraulic E350 Disc Brakes

Imported and distributed by Mycle Ltd.

Your Mycle Cargo has been designed in accordance with the requirements of European standards: EN 14764 and EN 15194, which comply with safety requirements, and Electromagnetic Compatibility 2014/30/EU.



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Please carefully read this entire manual, taking particular attention to the warnings, before unboxing and riding your Mycle Cargo for the first time. It is vital for the safety of you and your passengers/cargo.



WARNING!

Please observe this symbol. It indicates a potential imminent danger. If not avoided, crashes or material damage and serious injuries can occur.

You can find a digital copy of this manual on www.mycle.co.uk/manuals

GENERAL SAFETY INSTRUCTIONS



WARNING!

E-Bikes are not suitable for people under the age of 16.



WARNING!

Never touch the brake rotor, especially when the wheel and/or bike is in motion, or serious injury could occur. Hand oils can cause squeaking and decrease brake performance; do not touch the brake rotor while inspecting, opening, or closing the quick-release lever



WARNING!

Inncorrect assembly, maintenance, or use of your ebike can cause component or performance failure, loss of control, serious injury, or death. Even if you're an experienced bike rider, you must read and understand the entire manual and any documentation provided for subcomponents or accessories before riding or carrying Cargo or passengers. If you are not sure you have the experience, skills, and tools to correctly perform all assembly steps in the manual, consult a local, certified, reputable bike mechanic.



WARNING!

Never mount your e-bike with assistance mode turned on. Your e-bike will start moving when you put your foot on the pedal or accidentally knock the pedal forward. This can cause unsteadiness and in the worst case falls, accidents and hazards.

**WARNING!**

Damage to your e-bike's electrical system caused in any manner, including water intrusion, improper storage, incorrect removal and connection of the battery and miss handling of connectors, can lead to battery failure, electrical system malfunction, exposed wires, or electrical fire and consequent property damage, injury, or death. Follow all recommendations to minimize chance of water damage or damage to the battery. This includes storing, handling and maintaining your battery properly.

**WARNING!**

Using a damaged battery or charger (including damage to connectors and cables) can create additional bike damage or a fire hazard. If you experience any of the following, cease use immediately and contact Mycle support. This includes:

- Your charger's flexible power cord or output cable or any of the electrical cables on your bike is frayed, has broken insulation, or any other signs of damage
 - Your battery or charger is physically damaged, non-functional, or performing abnormally
 - Your battery or charger experienced a significant impact from a fall or crash, with or without obvious signs of damage,
 - Your charger becomes too hot to touch (it's expected to get warm with normal use), makes a funny smell, or shows other signs of overheating.
- Store any damaged battery or charger in a safe location and, as soon as possible, recycle or otherwise dispose of it according to local rules

**WARNING!**

Switch off the E-Bike system and take out the battery before carrying out any work on your E-Bike, e.g. assembly or maintenance work, or before transporting it. Unintentional activation of the e-bike system poses a risk of injury.

**WARNING!**

This manual includes quick checks which may need to be done before a mandatory inspection is due, which needs to be carried out by a qualified bike technician. Never perform work on your E-Bike beyond this. It requires specialist knowledge, specific tools and skills which is why it can only be carried out by a qualified technician. Never ride your E-Bike if assembly work has been carried out incompletely or improperly. This would compromise your own safety and that of other cyclists and motorists.



WARNING!

Loading cargo or passengers without holding onto the Mycle Cargo can cause the bike to tip, leading to damage or serious injury. The kickstand is designed to hold up an unoccupied, unloaded bike on a hard, flat, stable surface, not to support the weight of the rider, passengers, or cargo. Always hold onto your Mycle Cargo when loading or unloading cargo or passengers. Always remove children from the bike before you look away or walk away from the bike.



WARNING!

Carrying a cargo load involves additional risks, which requires special attention and care. Braking, acceleration and balancing are all significantly affected by the cargo loaded on the e-bike. To safely operate your e-bike while carrying cargo, you must get used to the differences in braking, steering, balance, etc that come with the extra weight. With the extra weight, it's even more important than ever to use both front and rear brakes, and always engage the rear brake first to prevent excessive strain on the front wheel and fork and to prevent loss of control.



WARNING!

It is the rider's responsibility to ensure the passenger(s)' safety, including making sure accessories are fitted correctly and safely, your passengers are wearing a properly fitted and approved helmet, passenger(s) loaded on the Mycle Cargo will not interfere the rider's ability to ride safely. This includes but is not limited to:

- The use of certified and approved child seating and equipment is required whenever carrying children
- Rear wheel guards must be in place whenever carrying passengers to ensure feet, hands and loose straps are kept away from the wheels when the bike is in motion.
- Appropriate size or age for your child seat or rear rack, or who do not have the health, motor control, or impulse control to ride safely as passengers. It is your responsibility to assess the ability of potential passengers to ride safely. If you're not certain, consult a physician.
- Transporting a pet using any bike puts you and your pet at risk of injury or death, especially if the pet distracts you, affects your balance, interferes with moving bike parts, etc. It's impossible to anticipate every situation that can occur while riding with a pet. If you carry a pet on any bike, you assume any and all inherent risks

**WARNING!**

Due to the extra wear of e-bike components and bolts, you will need to perform routine checks, maintenance and servicing more frequently than a regular bike. It is important to take your e-bike to a qualified technician if you are in doubt. Upon your routine pre-ride checks and maintenance, if any of your components do not work as they should and can't be fixed by yourself when identified, cease riding the bike immediately until it's been inspected by a reputable, qualified technician or Mycle Support. Failure to do so may result in damage to the part or bike, serious injury to yourself or others, pose a fire risk and even cause death.

- M-Check your bike to make sure it's safe to operate before every ride. Failure to check can result in an e-bike malfunction and cause serious injury or death.
- Your cables and chain will stretch after an initial break-in period of 50-100miles (80-160km), and bolted connections could loosen. Always have a certified bike mechanic perform a tune-up on your bike after your initial break-in period (depending on riding conditions such as total weight, riding characteristics, and terrain). Regular inspections and tune-ups are particularly important for ensuring that your bike remains safe and comfortable to ride. Servicing intervals are outlined in this manual. For E-bike M-Check guidance view at www.mycle.co.uk/pages/pre-ride-e-bike-m-check
- It is important to make sure your brake disc is free from dirt and oils. Clean with a bike brake specific cleaner. Failure to do so can result in brake failure.

**WARNING!**

Never leave the bike unattended with children or cargo on the bike, otherwise the bike could tip over and cause serious injury and even death to passenger(s).

**WARNING!**

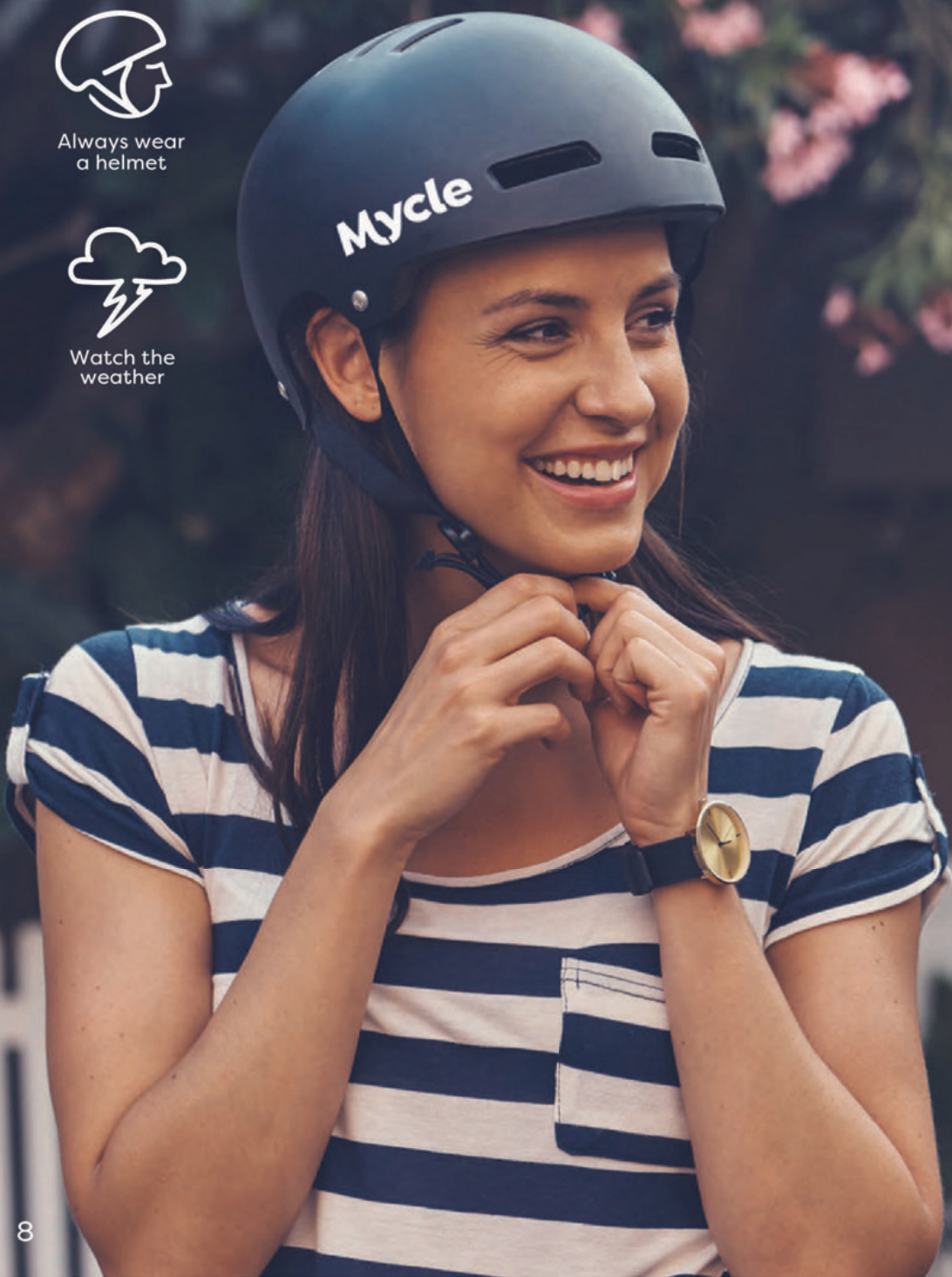
Make sure your Mycle Cargo is safely adjusted to fit you properly. This includes adjusting the handlebars so you can comfortably operate the brakes as well as adjusting your saddle height. If you are unsure of the correct fitting, seek advice from a certified bike technician.



Always wear
a helmet



Watch the
weather



General Safety

Your Mycle Cargo has been built and tested in the UK by our trained Cytech bike technicians. However, before trying out your Cargo, make sure you carry out the routine checks listed in the MAINTENANCE section of this manual.

When you first try the bike, make sure the handlebars are pointing forward and the road ahead is clear. The assistance will be triggered when you move the pedals. Ensure your riding complies with the Highway Code and all traffic rules.

Electric bikes are not suitable for children under the age of 16, and it is illegal for them to ride on public highways. Riders under the age of 18 should always be supervised by an adult.

We recommend starting your first ride at level 1 (minimal assist), then increasing assistance levels as you grow in confidence. When pushing the bike, always set pedal assist to level 0 to stop the bike accelerating if you accidentally knock the pedals.

Be extra careful when riding in difficult weather conditions, such as rain, cold, ice and snow, as well as at night, with heavy loads or with passengers.

These factors can effect the handling of the bike. Reduce your speed and allow for longer stopping distances, especially on slippery surfaces. Never let your passengers interfere with you or the bike while in use.

Never leave the bike unattended with passengers on board, as the bike could fall over. Always make sure accessories are fitted properly.

When transporting your bike on an external rack, we recommend you remove the battery and store it in a cool place. We recommend you wear protective clothing when cycling, such as a helmet and gloves.

Failure to follow these warnings could result in an accident, injury or damage to your Cargo. Mycle cannot take responsibility for any faults, injury or damage that occurs from improper use, incorrect maintenance or storage, or lack of safety checks.

Meet Your Mycle

Meet Your Mycle

A white Mycle bicycle is the central focus, parked in what appears to be a grocery store. The bicycle has a black basket on the front filled with various items, including a brown paper shopping bag and some green leafy vegetables. The background is slightly blurred, showing shelves and other bicycles. The lighting is warm and indoor.

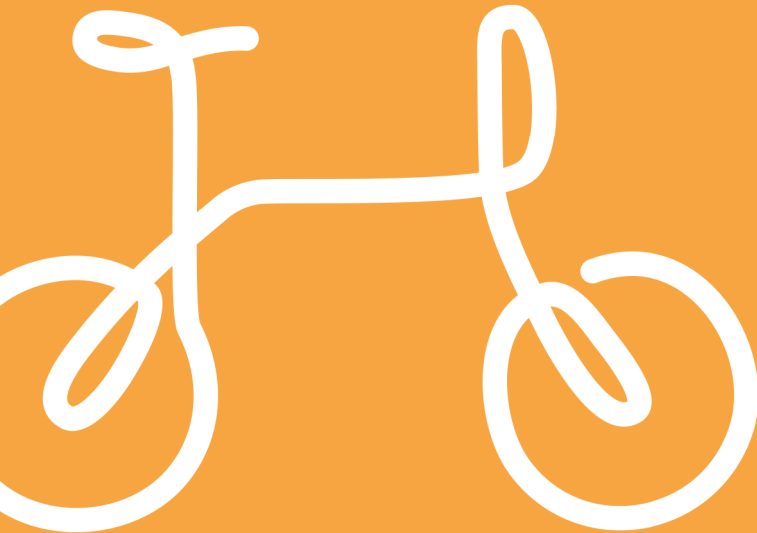
Get started by understanding all the parts and components of your Mycle Cargo.



NO	Accessory name	NO	Accessory name	NO	Accessory name
1	Saddle	12	Derailleur	23	Integrated front fork
2	Seat post	13	Rim	24	Front fender
3	Seat post quick release	14	Kickstand	25	Headlight
4	Controller	15	Hub motor	26	Headset
5	Rear Rack	16	Chain	27	Handlebar stem
6	Multifunctional tail light	17	Crank set	28	LCD Display
7	Rear fender	18	Pedal	29	Frame
8	Guard plate	19	Brake rotor	30	Battery
9	Rear disc brake	20	Tyre		
10	Rear motor	21	Front disc brake		
11	Running board fixings	22	Front wheel quick release		

Quick Set-up

Before you get out on the road, make sure your bike is correctly set up and aligned to your height. We've prepared your bike to be easy to assemble, but if you don't have the technical knowledge to safely put your Cargo together, we suggest visiting a reputable bike shop to help you.



Included

- 2x Battery Keys
- Mycle Cargo
- Front Wheel
- Power Cord & Charger
- Wheel axle fitting kit
- Pedals
- Basic assembly toolkit
- Front light

Optional Extras

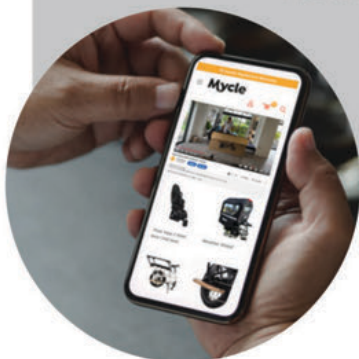
- 2nd Battery
- Footplates

Unpack your Cargo

- Carefully lift your new Cargo bike from out of the box and rest it upright on the rear wheel and front fork protector plate. You will need someone who is capable of safely lifting a heavy item to help you.
- Remove the front wheel and small box - this will contain parts you will need to assemble to the bike including your Tool Kit and front wheel Axle Fitting Kit
- Remove any packaging material from the bike and keep it in your box. Store the box so you can reuse all packaging should you need to ship your bike back to us for any reason.

Head to www.mycle.co.uk/manuals
to watch our assembly tutorial!

Or visit our Youtube channel
Mycle eBikes, @MycleEBikes



Assembly Instructions

Install the handlebars

- Rotate the front fork so the stem is facing forwards. The brake caliper and cables should be on the riders left side of the front fork. No cables should be wrapped around the back of the head tube.
- The handlebars are not fitted to the bike for ease of shipping. Unscrew the front stem plate (1) using the 4mm allen key provided.
- Place the handlebars centrally into the stem, with the brake levers facing the front. Make sure the cables at the front are not twisted.
- Replace the stem plate and tighten each of the screws alternately in a cross pattern. This ensures the handle bars are secured with even pressure.
- Before you fully tightening the stem, make sure the bars are correctly rotated for a comfortable and easy braking position - with your brakes facing the front and angled downwards slightly. When you are happy with the position, tighten the screws to secure the handlebars in place.



Install the front wheel and components

- Before putting you Cargo bike on its kickstand, make sure the kickstand is free from loose cables. If the cables get caught in the kickstand, it can result in irreversible damage to the electrical cable if it gets caught.



Please note: we have changed the design of our wheel to an alloy wheel. Your wheel will look different to that in the image

- Place the bike on its central kickstand to hold the bike in place.
- The light fitting and mudguard are secured using the same bolt (2).
- Remove the front fork protective plate.
- Install the front fender/mudguard by simply securing it in place as per image(2). The bolt to fit the top of the mudguard to the front fork is already in the bike.
- When fitting the front wheel, never touch the brake disc. Any natural oils on your fingers can transfer to the brake disc and effect braking efficiency.
- Take the quick release skewer and rotate the thumb nut until it comes off. Note the position of the cone springs (widest section on the outside) as you will need to replace these in the correct orientation.
- With one cone spring still in place, pass the skewer through the brake hub starting on the side without the brake disc (see picture below). The quick release lever should be on the riders right side of the bike.
- Reinstall the second cone spring on the other side of the fork, followed by the thumb nut.
- With the lever open, tighten the thumb nut just a couple of turns so you leave enough space for the fork drop outs to fit over the skewer.
- Lower the front fork onto the front wheel, so the brake pads sit either side of the disc and the front fork drop outs sit within the cone springs.
- The lever will have a curved follower which it must sit within to ensure a secure fit.



- Ensure the fork is fully and evenly inserted into the axle before you tighten the quick release.
- Hold the thumb nut steady and rotate the lever to tighten. When fully tight, you shouldn't be able to close the lever.
- Open the lever, quarter turn to loosen the lever, and try to close again. Repeat until you can close the lever halfway. Then firmly close. This should leave an imprint on your hand.

- Double check the closed lever doesn't touch any other component or the fork.
- Test the front wheel: Holding the bike off the ground spin the wheel to make sure there is no wobble or looseness. Then squeeze the front brake lever with your hand and wobble the bike back and forth to confirm there is no movement in the wheel.
- If there is any movement, repeat the steps to ensure the quick release is fitted correctly or seek help from a qualified professional.



WARNING!

Failure to correctly install the front wheel may result in the wheel falling out while riding, causing serious injury or death. If you are unsure how to properly fit the front wheel, take your bike to a qualified bike technician. Do not attempt to ride the bike if the wheel feels unsecured in the fork.

Install the pedals

- Your pedals are labeled with a L and R to represent the direction of threading. The pedal labeled L needs to be on your left hand side when you are sitting on the bike.
- It's really important to put the pedals on the correct side. if you put the pedals on the wrong side, they will unscrew as you ride and damage the thread. Damage to your pedal thread is not covered under warranty.
- Simply position the pedal at 90 degrees to the thread in the crank arm and twist into place. When the pedal is hand tight, use the pedal spanner provided to fully tighten.
- If you are unsure about your assembly, please consult a professional. This is for your safety and to ensure initial set up is safe and accurate.



Power Assist

The Power Assist feature is what makes Mycle special. You can switch from fully manual to high speed assistance at the push of a button.

Power Assist is initiated by the rotation of the pedals and operated through the on board control panel. Simply pedalling the bike will engage the rear motor to create an additional level of power to increase your riding speed or help you tackle hills. Switch between the different assistance levels on your display, in combination with the gears, to maintain a steady pace over varying terrain.



High
Power



Tackle
Hills

Level 0 fully manual

Level 1 for low speeds
& flat riding

Level 2 for low speeds
& gentle slopes

Level 3 for faster speeds
& slopes

Level 4 for faster speeds
& uphill

Level 5 for high speeds
& uphill

Be aware that using the higher power assist levels for prolonged periods will use up the battery more quickly.

On Board Display

Everything you need to know about your bike appears on the On Board Display.

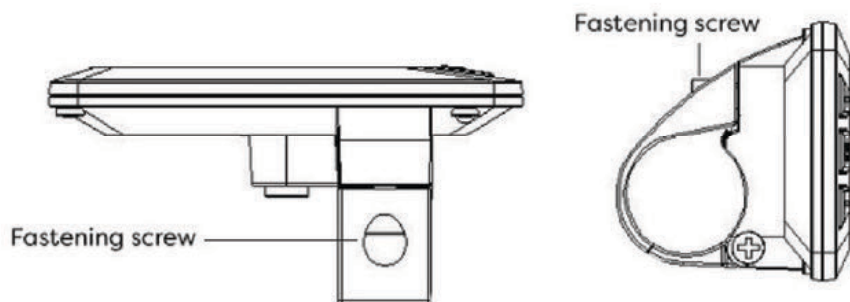


Function Summary and Button Definition

Your Mycle on board display helps you get the most out of your Mycle Cargo. The indication elements are as follows

- Battery level
- Assist level
- Speed indication (incl. current speed, Max. speed and Avg. speed)
- ODO and Trip (displays the mileage over time)
- Walk-assistance function (see page 22 for instructions on how to use)
- Trip time (journey mileage and can be reset at the beginning of each ride)
- Backlight ON/OFF
- Error code indication

Your display comes already mounted on the left side of the handlebar close to its grip. You can adjust the angle to a preferred screen view by loosening the screw on the mounting clamp, repositioning the display and then tightening the bolt again.



Your display is water resistant so you can use it in the rain, but, as per you would your mobile phone, you should protect it from possible water ingress as this may impact functionality. This includes both rainfall and condensation in the colder weather. We always recommend storing your bike and display in a dry area.

Specifications:

- 24V/36V/48V Power Supply
- Rated working current: 10mA
- The maximum working current: 30mA
- Off-state leakage current: $1\mu\text{A}$
- Working temperature: -20°C~ 60°C
- Storage temperature: -30°C~ 70°C

When disconnecting your display, switch off the power before unplugging.

General Operation

Switching the E-bike System mode ON/OFF

To switch on the E-bike system and provide the power supply to the controller, first check the switch on the battery is on. Then, on your display, hold the On/Off button for 2s.

To switch off E-bike system, hold the On/Off button for 2s. The E-bike system no longer uses the battery power.

When the E-bike is parked for approx. 10 minutes, the E-bike system switches off automatically.

If an error code appears on the display, please refer to the error code definitions on page 24. Check the troubleshooting in the back of this manual, have the bike inspected by your local, qualified e-bike technician or contact us on www.mycle.co.uk/pages/contact-us.

Display Interface

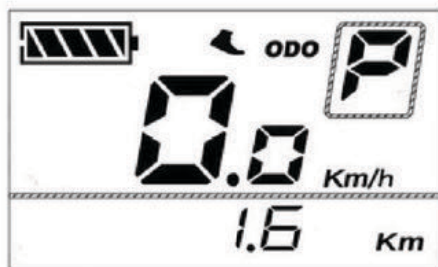
After switching on the E-bike system, the display shows Current Speed and ODO(total distance) by default.

Press the ON/OFF button to switch between indication functions below:
ODO (Km)→ Trip (Km) → Trip Time (Hour) → Motor Power (W)→ODO (Km)→ Max. Speed (Km/h)→ Avg. Speed (Km/h) , it cycles back to ODO km again.

Walk-Assist Mode

To activate the walk-assistance function, press and hold the DOWN button. After 2 seconds, your Mycle Cargo is activated to go at a uniform speed of 6 Km/h while the screen displays a foot icon and “ P” in the function list.

The walk-assistance function will be switched off as soon as you release the DOWN button.



Alternatively you can use the twist throttle on your right handlebar. See page 24 for instructions.

Walk-assistance function may only be used when pushing the E-bike. Be aware of danger of injury when bike wheels do not have ground contact while using the walk-assistance function.

Switching Lighting ON/OFF

To switch on your Cargo front light and rear light, press the “UP” button for 2s. The display back light brightness is automatically reduced. Your rear brake light functions automatically whenever the brake levers are engaged.

Likewise, press the “UP” button for 2s again, the bike front light and rear light can be switched off and display back light recover its brightness.

Assist Level Selection

The assist level of the E-bike drive can be changed anytime, even during riding. The assist level ranges from 0 to 5 (level 0 to level 5). The default assist level is “1” when the display is started. The output power is zero on Level “0”. Level “1” is the minimum output power. Level “5” is the maximum output power.

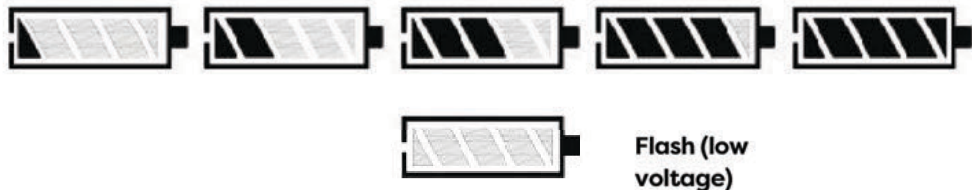
Press UP/DOWN button to switch between the E-bike system assist levels and change the motor output power.

Battery Indicator

The five battery power bars represent the capacity of the battery. The five battery bars are bright when the battery is in full voltage.

When the battery is in low voltage, battery frame will flash at the frequency of 1HZ to give a notice that the battery needs to be recharged immediately.

Depending on what level of assist you are using, the battery will continuously calculate your battery range. For example, if you are in level 5 and drop down to level 1, your battery indicator might show you have gained a bar of battery. Equally, if you are riding in level 1 then move to level 5, you might loose a bar of battery.



Error Code Definitions

Error	Definitio
21	Current Abnormality
22	Throttle Abnormality
23	Motor Phase Abnormality
24	Motor Hall Signal Abnormality
25	Brake Abnormality
30	Communication Abnormality
31	MOSFET tube short-circuit
32	"On/Off" button sticky
33	"-" button sticky
34	Over voltage failure

Operating the twist throttle



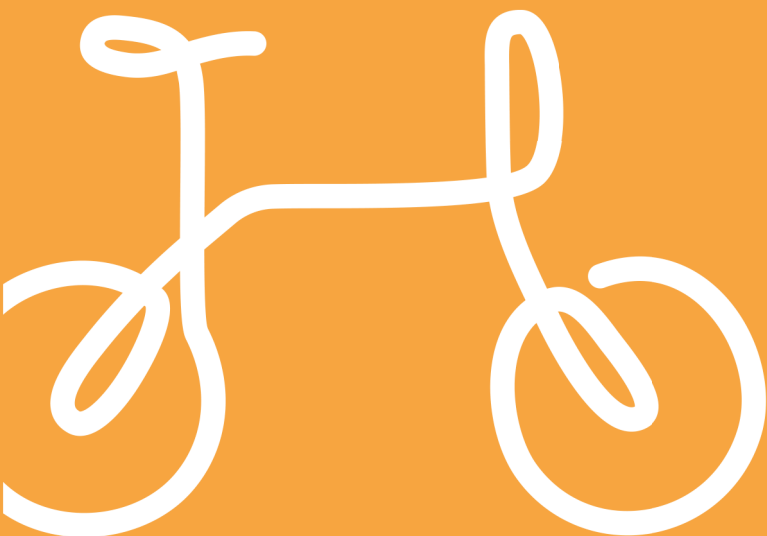
Twist the throttle to use. Use the throttled for a power assisted start without pedalling or cruising at walking pace (6 km/h)

Once your speed is over 6kmph, the twist assist will stop working and you can release the throttle.

Be aware that using the higher power assist levels for prolonged periods will use up the battery more quickly.

BATTERY

Your battery is one of the most important parts on your e-bike. Proper use and care ensures it lasts longer and is safe to operate. Please read the following section about your battery carefully and contact us should you have any further questions.





Dual Battery
Upgrade Kit
Available



High Power



Uniformly
Balanced

The Mycle Cargo's innovative design allows you to have two batteries with up to 120km of range. The first battery is mounted horizontally on the down tube, the second battery mounted vertically just behind the seat tube. If you have purchased the single battery option, with a range of 60km, you can upgrade and fit the dual battery mounting kit retrospectively, giving you a bigger range of 120km.



WARNING!

You must only use Mycle authorized components including batteries, chargers and mounting brackets. It is a fire and safety risk to use unregistered parts which might not be compatible.

Battery Features:

- 48V 15Ah LG Battery 21700 cell
- Lockable battery with set of 2 keys
- Easily removable
- On/off switch on the battery itself
- Easily accessible charging port

Unloading the battery

Make sure the On/Off switch on the battery is in the off position.

Insert your key in the ignition and turn to the unlock position.

Use the top handle to slide the battery upwards along the down tube until it detaches from the receptacle. Once freed, lift away from the frame.

When reinserting the battery, repeat in reverse. Make sure that it engages correctly and check that it is firmly in position.



Charging of the battery

Read the safety label on your battery carefully before operating. Only charge your battery in line with the user manual and battery safety advice.

Your battery can be charged both on and off the bike.

Turn the battery off via the on/off switch. Remove the protective rubber cover for the charging port.

Connect the charger to the wall power outlet. Place the charger on a flat, secure surface and connect the round barrel connector to the charging port on the side of the battery. Turn on the charger at the wall power outlet.

Charging should be indicated by the LED charge status light. Red indicates charging. Green indicates fully charged.

Once charging is complete, switched the wall power outlet off and remove the plug from the wall first.

The battery is delivered with a minimum charge. Before riding for the first time, you must fully charge it for at least 5 hours.


Do not charge the battery for more than 8 hours or leave on overnight. Overcharging and/or over heating can lead to safety risks.

After charging, we always recommend the battery sits for 20-30 minutes before use.

Only use the Mycle charger that comes with your Cargo. If you have misplaced your charger, please contact us to purchase a replacement.



 **WARNING!**
For your safety the charger must be located on a dry and non-flammable surface when in use

 **WARNING!**
Never leave a battery by itself! Batteries belong to the category hazardous material. There is a risk the battery and charger can overheat and set on fire.

Battery Safety Precautions

- Only use the battery provided with your bike.
- Only use the specific charger provided.
- Do not expose the battery to heat or charge it in direct sunlight or near a heat source.
- Do not disassemble or modify the battery.
- Always charge the battery in a well ventilated area.
- Do not connect the (+) and (-) battery connections with a metallic object including paper clips, coins, keys, nails, screws or other small metal objects that could bridge the contacts.
- Do not expose the battery to liquids.
- Do not use a damaged battery.
- Do not continue to charge the battery beyond the recommended charge time.
- Do not use the battery if it emits an unusual smell, becomes unusually hot, or if something seems abnormal.
- Do not force the battery back into the battery mount; carefully align and slowly slide the battery down until it's in place.
- Do not open the battery housing, which will void the warranty and can result in damage to the battery, property, serious injury, and/or death.
- When in use, the battery and charger shall be kept out of heat, away from high voltage and out of reach of children and pets.
- If used incorrectly, liquid may leak from the battery. Avoid contact with this liquid. In case of accidental contact, rinse with water. If the liquid gets into your eyes, also seek medical attention. Leaking battery fluid can cause skin irritation or burns.
- Vapours can escape if the battery is damaged or used incorrectly. Ensure plenty of fresh air and seek medical attention if symptoms occur. The vapours can irritate the respiratory tract.
- Keep the battery out of the reach of children.



WARNING!

Do not use or charge a defective battery. Do not drop the battery. Do not dampen or immerse the battery in water. Abnormal damage to the battery may lead to heating, smoking, distortion or burning. The battery can get warm while charging. A temperature until 45°C is allowed. If the temperature gets higher you must end the charging process immediately.

Charger Safety Precautions

- Only use the charger supplied with this bike.
- Avoid contact with water while charging the battery.
- If a plug becomes wet, dry thoroughly before use.
- The battery charger is for indoor use. Do not expose the battery charger to rain.
- Do not short circuit the charger pins.
- Do not dismantle or modify the charger.
- Always place the charger in a well ventilated and dry environment.
- Warning: Explosive gases. Avoid flames and sparks.
- Provide adequate ventilation during charging.
- Do not use the charger with a damaged power cord or plugs.
- Do not touch the charger with wet hands.
- Make sure that the charger plug is correctly connected to the mains for charging.
- Disconnect the power supply before connecting or disconnecting the connections on the battery.
- Do not touch the charger for too long during charging (risk of superficial burns).
- Do not position the charger in an unstable manner.
- Do not cover the charger to avoid overheating during charging.
- This charger is designed to charge the Lithium battery supplied with this bike only.
- Keep out of reach of children, this product is not a toy.
- Do not expose the product to a heat source.
- Do not immerse the product.
- The external flexible cable of this product cannot be replaced; if the cord is damaged, the item should be discarded.
- Do not cover up the charger when plugged in or charging. It air cools and needs to be on a hard, flat, non-flammable surface in an open space.
- Use the charger with the indicator light facing upwards.
- Do not use with the charger inverted, which can inhibit the cooling and reduce charger lifespan.

Battery Range

The range can vary depending on:

- The level of assistance
- Average riding speed
- The weight of the user & load
- The gradient of the road
- Tyre inflation
- General Maintenance & bike condition
- Wind resistance
- Road conditions
- Pedaling effort
- Choosing the correct gear
- Starting & frequency of stops
- The outside temperature

Battery Life



Battery performance will decline after prolonged use. Depending on usage patterns, the energy capacity can reduce by 20% to 30% (charge and discharge) for lithium batteries. When discarding batteries, please make sure you do so responsibly through an authorised recycling centre.

Battery Storage

You may want to store your battery and Cargo bike over a period of non use such as the winter where riding conditions can be harder. In order to protect the functionality of your battery, you must store it correctly using the below advice:

- Always charge the battery before storing, or before periods of non-use.
- Make sure you charge the battery for at least 2 hours, at least once a month,
- maintaining a charge level of around 50%.
- When not in use, store the battery in a dry environment, ideally between 12-22C.
- Never charge a battery for more than 8 hours at a time.
- Do not leave a charging battery unattended, this increases the risk that a charging problem will go undetected and lead to component damage or a fire hazard. Always charge your battery where you can monitor it.





Carrying Cargo

Carrying Cargo

Carrying a cargo load involves additional risks, which requires special attention and care. Braking, acceleration, and balancing are all significantly affected by the cargo loaded on the e-bike. To safely operate your e-bike while carrying cargo, you must get used to the differences in braking, steering, balance, etc that come with the extra weight.

- Ensure that your loads are properly secured and check periodically that nothing loosened or is at risks of interfering with any moving components, or touching or dragging on the ground.

- Hills that are normally easy to climb and descend without cargo can require additional effort, as the extra weight affects steering, braking, balancing as well as the amount of power it takes to go uphill.

- To safely operate the Cargo, don't let the cargo or passengers on board distract or interfere with the rider whilst in use.

Carrying Children

The use of certified and approved child seating and equipment is required whenever carrying children. The included rear wheel guards must be in place whenever carrying passengers to ensure feet and hands are kept away from the wheels when the bike is in motion.

The Mycle Cargo should never be operated by persons under the age of 18. Passengers should be over 4 years old unless they are seated in a properly fitted and approved child Safety Seat, the Thule Yepp 2 Maxi Rear Child Seat sold on www.mycle.co.uk.

The rear rack is equipped with two installation windows for compatible child seats. The windows are located under the included board, which needs to be removed to install the child seats. For installation instructions, safety notices, general information and tips on safe operation of this accessory, visit www.mycle.co.uk or contact enquiries@mycle.co.uk

Cargo Safety Instructions

- Do not allow passengers to sit sideways or backwards on the Rear Rack.
- Do not allow passengers to stand or kneel on the Rear Rack.
- Never leave the bike unattended with children on the bike, otherwise the bike could tip over and cause serious injury to passenger(s).
- Never leave the bike unattended with cargo on the bike, otherwise the bike could tip over and cause serious damage to your cargo if not weighted level.
- Increased weight from passenger(s) will increase the time it takes to slow the bike when braking and wear through brake pads more quickly.
- Because passengers sit behind the rider, they cannot see bumps or upcoming turns, please ride carefully.
- When carrying passenger(s) 4 years old or below, you must have the safety-certified Thule Yepp Maxi child seats, fitted as per the manufacturer's instructions. The range of compatible Thule child seats are available from www.mycle.co.uk
- Ensure that the passengers are safely seated before beginning to ride.
- Ensure that you and your passenger(s) is/are wearing a properly fitted and approved helmet.
- It is the rider's responsibility to ensure the passenger(s)' safe.
- It is the rider's responsibility to ensure the passenger(s) loaded on the Mycle Cargo will not interfere the rider's ability to ride safely.

Maintenance & Servicing



Maintenance



While your Mycle Cargo has been built and tested in the UK by our trained Cytech bike technicians, it's important that you make the following routine checks before you first ride the bike, then on an ongoing weekly basis. We also recommend getting your bike periodically checked by a professional.

Routine Checklist:

- √ Check the tightness of the crank, wheel, stem, pedals, hanger and seat clamp.
- √ Check the brakes are correctly adjusted and working.
- √ Check general levels of wear, particularly to brake pads, transmission, cables and tyres.
- √ Check that lights and all electrical components are working.
- √ Check that any children or luggage are not left unattended on the bike.
- √ Check that any aftermarket additions i.e child seats, are fitted as per the manufacturers instructions.

Cleaning

Rinse your bike with fresh water after each use, particularly if it has been exposed to sea air, in order to avoid corrosion. Clean with a sponge and warm water, or using a non-pressurised water jet.

Lubrication

Regular lubrication of moving parts is essential to avoid corrosion. Pay particular attention to the ball bearings located in the axis of the wheels, chain, derailleur and cables of control. We recommend you use a specialist oil for the chain and the derailleur, and grease for other components.

Safety Checklist

Before every ride and after every 30-80km we recommend following this safety checklist.

Brakes

- ✓Ensure front and rear brakes work properly.
- ✓Check brake pads for wear and ensure they are not over worn.
- ✓Ensure brake pads are correctly positioned in relation to the brake rotors.
- ✓Ensure brake levers are lubricated and tightly secured to the handlebar.
- ✓Test that the brake levers are firm and that the brake, motor cutoff functions, and the brake light are functioning properly.
- ✓Check the brake disc is free from oils. Any sign the brake disc is contaminated requires the disc to be cleaned immediately with a bike brake specific cleaner.

Wheels and Tyres

- ✓Ensure tyres are inflated within the recommended limits posted on the tyre sidewalls and hold air.
- ✓Ensure tyres have good tread, have no bulges or excessive wear, and are free from any other damage.
- ✓Ensure rims run true and have no obvious wobbles, dents, or kinks.
- ✓Ensure alloy wheel is free from damage and true in position
- ✓Check axle nuts and front wheel quick release to ensure they are tight.
- ✓Ensure the locking lever on the quick release skewer is correctly tensioned, fully closed, and secured.

Steering

- ✓Ensure the handlebar and stem are correctly adjusted, tightened, and allow proper steering. Ensure the handlebar is set correctly in relation to the forks and the direction of travel.

Chain

- ✓Ensure the chain is clean, oiled, and runs smoothly.
- ✓Extra care is required in wet, salty/otherwise corrosive, or dusty conditions.

Bearings

- ✓ Ensure all bearings are lubricated, run freely, and display no excess movement, grinding, or rattling. Check headset, wheel bearings, pedal bearings, and bottom bracket bearings.

Cranks and pedals

- ✓ Ensure pedals are securely tightened to the cranks.
- ✓ Ensure the cranks are securely tightened and are not bent. Check that the derailleur is adjusted and functioning properly.
- ✓ Ensure shifter and brake levers are attached to the handlebar securely.
- ✓ Ensure all shifter and brake cables are properly lubricated.

Derailleur and mechanical cables

- ✓ Check that the derailleur is adjusted and functioning properly.
- ✓ Ensure shifter and brake levers are attached to the handlebar securely.
- ✓ Ensure all shifter and brake cables are properly lubricated.

Frame, fork and seat

- ✓ Check that the frame and fork are not bent or broken. If either frame or fork are bent or broken, they should be replaced.
- ✓ Check that the seat is adjusted properly, and seat post quick release lever is securely tightened.

Motor drive

- ✓ Ensure hub motor is spinning smoothly and motor bearings are in good working order.
- ✓ Ensure all power cables running to hub motor are secured and undamaged.
- ✓ Make sure the hub motor axle bolts are secured and the torque arm and torque washers are in place. Ensure battery is charged before use.
- ✓ Ensure there is no damage to battery.
- ✓ Lock battery to frame and ensure that it is secured.
- ✓ Charge and store bike and battery in a dry location, between 10-25 °C (50-77 °F). Let bike dry completely before using again.

Battery

- ✓ Ensure battery is charged before use.
- ✓ Ensure there is no damage to battery.
- ✓ Lock battery to frame and ensure that it is secured.
- ✓ Charge and store bike and battery in a dry location, between 0-25 °C (50-77 °F). Let bike dry completely before using again.

Electrical cables

√Look over connectors to make sure they are fully seated and free from debris or moisture. Check cables and cable housing for obvious signs of damage.

√Ensure headlight, taillight, and brake light are functioning, adjusted properly, and unobstructed.

Accessories

√Ensure all reflectors are properly fitted and not obscured.

√Ensure all other fittings on bike are properly secured and functioning.

√Inspect helmet and other safety gear for signs of damage.

√Ensure the rider is wearing a helmet and other required riding safety gear.

√Ensure the mounting hardware is properly secured if fitted with a front rack, rear rack, basket, etc.

√Ensure the taillight and tail light power wire are properly secured if fitted with rear rack.

√Ensure fender mounting hardware is properly secured.

√Ensure there are no cracks or holes in fenders.

Initial break in period

Your cables and chain will stretch after an initial break-in period of 50-100 mi (80-160 km), and bolted connections can loosen. Always have a certified, reputable bike mechanic perform a tune-up on your bike after your initial break-in period (depending on riding conditions such as total weight, riding characteristics, and terrain). Regular inspections and tune-ups are particularly important for ensuring that your bike remains safe and fun to ride.

Tyre Inflation & Replacement

The Cargo has 20" x 3" tyres, These tyres are designed for durability and safety for regular cycling activities and should be checked before each use for proper inflation and condition. Proper inflation, care, and timely replacement will help to

ensure that your bike's operational characteristics will be maintained, and unsafe conditions avoided. Always stay within the manufacturer's recommended air pressure range as listed on the tyre sidewall.

Always maintain the air pressure rating indicated on pneumatic tyres.

Checking brakes & motor cutoff switches

Test that your brake levers, brakes, and motor cutoff switches are functioning correctly before every ride. If anything seems wrong, take your bike to a local, certified, and reputable bike mechanic, or contact Mycle Product Support.

Test the brake levers

- a. Fully squeeze each lever, and ensure neither the front nor rear brake lever touch the handlebar grips.
- b. Ensure both brake levers are properly lubricated. If they are, they'll be reasonably easy to squeeze without feeling as though there's grit in the mechanism, and when you release them, they will immediately go back to their original position.
- c. Make sure each lever is properly oriented and firmly secured to the handlebar.

Test each brake

- a. Squeeze the left brake lever to lock the front brake, and then try to push the bike forward using the handlebar. The front wheel should not spin.
- b. Squeeze the right brake lever to lock the rear brake. Again, push against the handlebar to try moving the bike forward. The rear wheel should not spin.

Test the motor cut off switches

The front and rear brake levers contain motor cutoff switches, which cut off power from the motor whenever the brakes are applied.

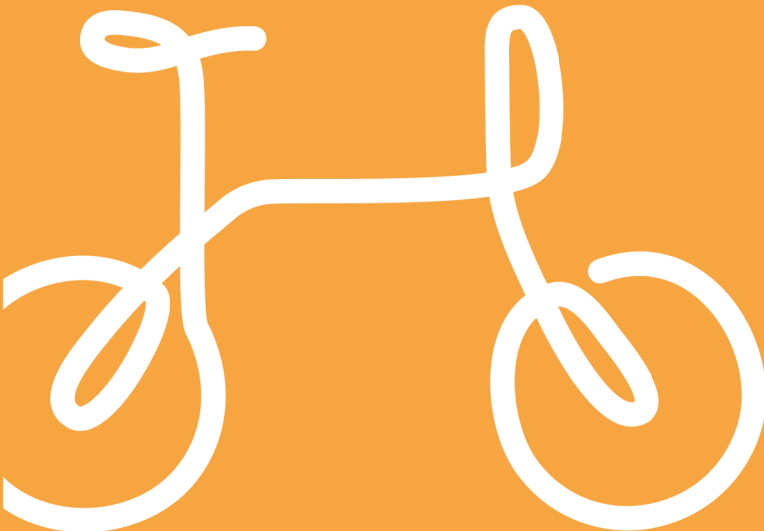
- a. In a clear, open area, turn on the bike. With appropriate safety gear and clothing, sit on the bike.
- b. Squeeze the left brake lever to engage the front brake.
- c. Lightly apply the throttle. The bike should not move since the brake is applied.

Recommended Torque Values

Component	Connection	Torque Required (Nm)
Handlebar	Handlebar Stem Clamp Bolts	10
Handlebar	Stem Faceplate Bolts	6
Handlebar	Brake Lever Clamp Bolt	6
Handlebar	Shifter Clamp Screw	6
Handlebar	Angle Adjustment Bolt	18
Brakes	Caliper Adapter to Frame	6-8
Brakes	Caliper to Adapter	6-8
Brakes	Brake Cable to Caliper Clamp	6-8
Brakes	Disc Brake Rotor to Hub	7
Seat Post	Seat Adjustment Bolt	20
Rear Dropout	Rear Axle Nuts	40
Rear Dropout	Rear Torque Arm Bolt	5
Rear Dropout	Derailleur Hanger Mounting Bolt	6
Rear Dropout	Derailleur Mounting Bolt	10
Rear Dropout	Derailleur Cable Pinch Bolt	6-8
Rear Dropout	Kickstand Mounting Bolts	12
Rear Dropout	Running Board Mounting Hardware	8
Bottom Bracket & Crank	Bottom Bracket and Lockring	60
Bottom Bracket & Crank	Crank Arm Bolt into BB spindle	35
Bottom Bracket & Crank	Pedal into Crank Arm	35
Bottom Bracket & Crank	Chainring Bolts	10
Bottom Bracket & Crank	Controller Mounting	6
Fenders	Fender Mounting Bolts	6

SERVICE SCHEDULE

Regular inspection and maintenance are key to ensure your Mycle Cargo functions safely and as intended, and to reduce wear and tear on its systems. An e-bike set-up puts more strain on a bikes components than a regular bike, especially with the extra weight from your precious Cargo. That's why it's really important to keep your bike serviced regularly by a trained professional, and to carry out regular safety checks and maintenance yourself.



CARGO LOGBOOK

Please have all servicing carried out by a qualified bike technician and have them record the service or work carried out in this Cargo Logbook. Please keep a copy of all receipts to validate the service and repair history of the bike. Regular servicing by a trained professional ensures the safety and quality of your e-cargo bike. You will need to demonstrate regular servicing has been carried out in line with the user manual in the event of a warranty claim.

Model:

Frame number:

Frame colour:

Battery number:

Key number:

Order number/ Shop purchased from

Purchase date:

.....

Owner's
Name

Service	Date	Replaced or repaired parts	Stamp or signature
<p>Initial Tuning at 1 month or 50 - 100 km</p>		<p>A tune up is standard across all bikes and ensures nuts, bolts and cables are adequately tightened after their initial break in period.</p>	
<p>1st service 6 months or 400 km</p>			
<p>2nd service 1 year or no later than 2,400 km</p>			
<p>3rd service 18 months or no later than 3,600 km</p>			

Service	Date	Replaced or repaired parts	Stamp or signature
4th service 2 years or no later than 4,800 km			
5th service 30 months or no later than the 6,000 km			
6th service 3 years or no later than 7,200 km			
7th service 60 months or no later than 8,400 km			

Recommended Service Intervals

It's really important to keep your Mycle Cargo serviced regularly in order for the bike to function properly and safely. Servicing and Recommended service intervals are meant to be used as guidelines. Real world wear and tear, and the need for service, will vary with conditions of use. We generally recommend inspections, service, and necessary replacements be performed at the time or mileage interval that comes first in the following table.

Please have all servicing carried out by a qualified bike technician, and recorded in your service log book on pages 44 & 45, along with original copies of your receipts. In the event of a warranty claim, we will require this information. Failure to share an up to date and valid service record may void your warranty.

You should still carry out a pre-ride check before every ride. You can find more details at www.mycle.co.uk/pre-ride-check or contact us at enquiries@mycle.co.uk if you have any questions or concerns.

Weekly (100-200 miles / 160-320 km)		
Inspect	Service	Replace
<ul style="list-style-type: none"> • Check hardware for proper torque: See Recommended Torque Values chart. • Check drive train for proper alignment and function (including the chain, freewheel, chain ring, and derailleur). • Check wheel trueness and for quiet wheel operation. Check the alloy is free from cracks and dents. • Check condition of frame for any damage. 	<ul style="list-style-type: none"> • Clean frame by wiping frame down with damp cloth. • Check brake disc is free from oils and clean with a specific bike brake cleaning solution. 	<ul style="list-style-type: none"> • Replace any components confirmed by our Technical Support or a certified, reputable bike mechanic to be damaged beyond repair or broken.

Monthly (250-750 miles / 400-1200 km)		
Inspect	Service	Replace
<ul style="list-style-type: none"> • Check brake pad alignment, brake cable tension. • Check bike is shifting properly, proper derailleur cable tension. • Check chain stretch. • Check brake and shifter cables for corrosion or fraying. • Check spoke tension. • Check accessory mounting (rack mounting bolts, fender hardware, and alignment). 	<ul style="list-style-type: none"> • Clean and lubricate drive train. • Check crankset and pedal torque. • Clean brake disc and shift cables. • Check the condition of your hydraulic fluid. Every 3 - 6 months this will require bleeding by a competent bike mechanic. • True and condition of wheels. 	<ul style="list-style-type: none"> • Replace brake and shift cables if necessary. • Replace brake pads if necessary.

Every 6 months (250-750 miles / 400-1200 km)		
Inspect	Service	Replace
<ul style="list-style-type: none"> • Inspect drive train (chain, chain ring, freewheel, and derailleur). • Inspect all cables and housings. 	<ul style="list-style-type: none"> • Standard tune-up by certified, reputable bike mechanic is recommended. • Grease bottom bracket. 	<ul style="list-style-type: none"> • Replace brake pads. • Replace tyres if necessary. • Replace cables and housings if necessary. • Replace the hydraulic brake fluid as advised by a professional bike mechanic.

Warranty

Your Mycle Cargo comes with a 12 month manufacturers warranty covering parts (and labour if returned to Mycle). Should you opt to have your bike worked on by a Mycle approved bike mechanic we will happily send you replacement parts subject to the terms of our warranty and with prior authorisation from us.

- Any component replaced under these warranty terms will be covered for the remaining warranty period of the bike.
- Any components replaced under warranty must be returned to Mycle and will become property of Mycle.
- We may from time to time at our discretion make repairs to
- defective parts falling outside of the warranty period. Such work shall not be deemed an admission of liability.
- Do not turn the bike on without the battery installed, or else damage to the electrical system could occur.

Exclusions

Contractual warranty excludes damage or defects caused by: abnormal use, lack of maintenance, accidental damage, prolonged exposure to moisture or liquid, non-compliance with recommendations outlined in the user manual or lack of service/evidence of service history.

- The bike must not have been used for competitions, inadequately maintained, incorrectly serviced or incorrectly used external factors such as shocks, lightning storms, current surges, short circuit, etc.
- Damage caused by excess exposure to the elements (e.g. rust caused by not storing bike indoors).
- Modification of electrical components or any modifications (e.g. additions not included when bought).
- Paint, varnish, saddles and bike graphics.
- Parts that are expected to wear as part of their normal function such as tyres, brake pads, brake cables, handlebar grips, freewheels etc.
- Should a warranty claim become necessary, Mycle shall not be liable for the cost of transportation of the bike to or from a repair site selected to fulfil the repair, work, or labour on the bike as set out under these warranty terms, including costs associated with loss of use, inconvenience, lost time, commercial losses or other
- incidental or consequential damages.
- Commercial use of the bike.

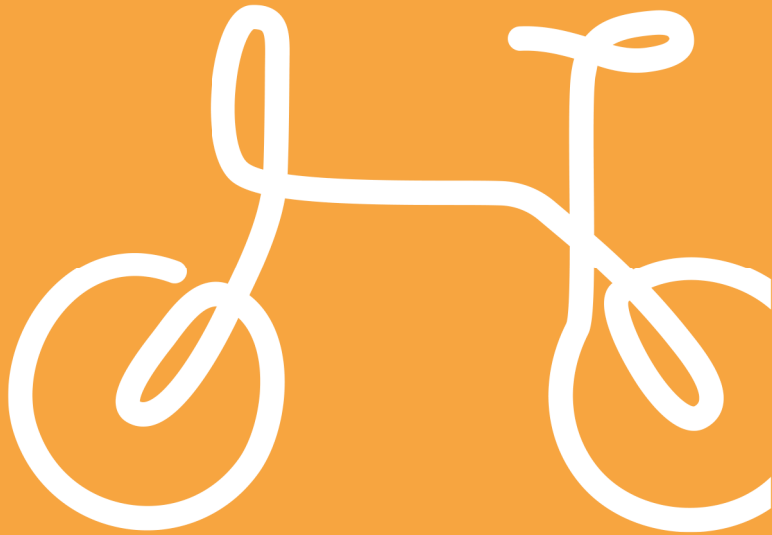
Troubleshooting

Symptoms	Possible Causes	Most Common Solutions
The bike does not work	Insufficient battery power Faulty connections Battery not fully seated in tray Improper turn on sequence Brakes are applied Blown 40a discharge fuse to protect against short circuit.	Charge the battery Clean and repair connectors Install battery correctly Turn on bike with proper sequence Disengage brakes Replace 40A discharge fuse
Irregular acceleration and/or reduced top speed	Insufficient battery power Loose or damaged twist power assist Misaligned or damaged magnet ring for pedal assist	Charge or replace battery Replace twist power assist Align or replace magnet ring
The motor does not respond when the bike is powered on	Loose wiring Loose or damaged twist power assist Loose or damaged motor plug wire Damaged motor	Repair and or reconnect loose wires Replace twist throttle Secure or replace motor plug Repair or replace motor
Reduced range	Low tyre pressure Low or faulty battery Riding up steep hills, headwind, and/or heavy payload Battery discharged for long period of time without regular charges, aged, damaged, or unbalanced Brakes rubbing	Adjust tyre pressure Check connections or charge battery Assist with pedals or adjust your cycle route Balance the battery - must be done by a certified e-bike technician Check the brakes aren't applied
The battery will not charge	Charger not well connected Charger damaged Battery damaged Wiring damaged Blown charge fuse	Adjust the connections Repair or replace charge fuse
Wheel or motor makes strange noises	Loose or damaged wheel alloy/spokes Loose or damaged motor wiring	Repair, or replace the alloy Reconnect or replace motor

Contact Mycle Tech Support if any of these issues persists where your local, qualified bike technician has been unable to resolve.

How To's

To keep your e-bike in top condition, we've put together the following how to guides. If you are unsure, you should always seek advice from a reputable, qualified technician to make sure the tuning or fix is properly executed.



How to use your gears

It might seem obvious, but using your gears effectively can make a massive difference to how your e-bikes perform up hill and the pedaling effort required. Follow our top tips on using your gears:

On the right-hand side of the handle bar you will find a gear shifter trigger and gear selection display integrated with the brake lever.

The trigger with the large thumb panel will shift the gears up to an easier gear (sprocket) these will be best for climbing hills and getting yourself going.

The trigger with the small thumb panel is for changing down the gear (sprocket) making the resistance harder ideal for downhill and flat ground allowing you to reach higher speed.



How to attach your pedal

Having trouble attaching your pedal? The thread on the left pedal is a reverse thread so the pedal doesn't come loose as you pedal. The right pedal is a standard thread and you tighten by turning to the right.

Pedals will look different to that in the images, but the concept is the same.

Each pedal will have an L or R to indicate what side they need to be threaded on the bike. If your sticker has fallen off, this can be found on the end of the axle.



Once you can see and are sure the pedal has entered the crank straight you can now use a 15mm spanner to tighten the pedal till you can no longer see the thread.



There should not be any resistance as you tighten. If you are experiencing resistance stop and undo the pedal, inspect the thread for damage and start again.



How to attach your Running Boards

If you have purchased the additional passenger running boards, please use the fitting guide below.



Left & Right Running Board

This will require three bolts either side, 2 M6 for the rear and 4 M5's for the front.

- 1 Put the M6 bolt into the rear whole place from the rear wheel side and bolt it into the foot stand.
- 2 Then use the 2.5mm bolts and nuts to secure the 2 front parts on each side. All these parts should be in the box with your charger for you.

A woman with short blonde hair, wearing a black beanie and a vibrant, multi-colored geometric patterned sweater, is riding a white bicycle on a cobblestone street. She is smiling and looking to her right. The background shows a row of white buildings with windows. The text 'Moving People And Planet Forward' is overlaid in white on the image.

Moving People And Planet Forward

Our Mission

The biggest change starts small, and we believe that a better planet isn't a million miles away. Change is just on your doorstep – get out on your Mycle and go find it!



Connected
Communities



Cleaner
Transport

We're on a mission to challenge the health issues facing the world today by making sustainable travel alternatives fun and accessible for everyone. We are champions of people and planet – and care about both in equal measure. By using our bikes to get around, not only will you cut emissions and improve air quality, you'll also improve your quality of life by riding happy and connecting with your local community.



Local
Living



Power
To You

We believe a better world is possible, so we're on a mission to encourage more planet-friendly habits by making cleaner, sustainable travel alternatives accessible for all.

Mycle

The Cargo
User Manual

Imported and distributed by Mycle Ltd.

Your Mycle Cargo has been designed in accordance with the requirements of European standards: EN 14764 and EN 15194, which comply with safety requirements.