



## Installation Manual

**CRUISE**

Please note that this installation manual serves as a reference guide only. We strongly advise having your CRUISE assembled by a reputable local shop or an experienced technician.

Manual Version : 1.0  
Release Date : May 2023



# Contents

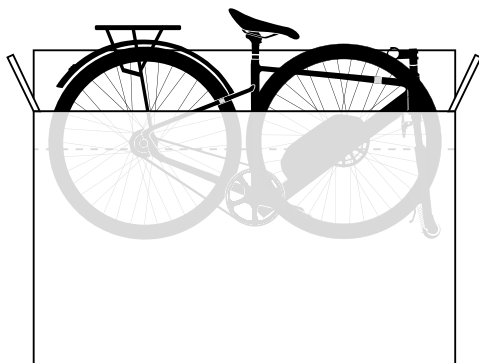
<b>01 Get Ready for CIRGO CRUISE ride</b>	01
- What's in the box	
- CRUISE	
<b>02 Build your CRUISE</b>	03
<b>03 Know your CRUISE</b>	10
<b>04 Operate your CRUISE</b>	13
<b>Display</b>	
- Display Interface	
- Basic Operations Instructions	
- Parameters Setting	
<b>Battery</b>	
- Battery Care	
<b>05 Before Riding</b>	19
- Before every ride	
- Before your first ride	
<b>06 Maintenance</b>	21
- Servicing & parts	
- Cleaning	
- Motor	
- Belt drive	
- Brake system	
- Storage	
- Tyres	
<b>07 Always here</b>	24
- Warranty	
- Compliance	
- Disclaimer	

ALL PICTURES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY.  
ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT.

# 01

## Getting Ready for Ride

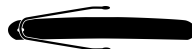
What's in the box ?



CB15 Battery & Keys



Charger



Mudguard



Quick Release  
System



Left(L) & Right(R)  
Pedals



Multifunction Tool



Kickstand



Bell



Fasteners  
M6x10mm  
M6x17mm



Off-road  
Accelerator\*

\* Optional



# CRUISE



## Information

01 Rear hub motor  
02 Mudguard  
03 Rear light  
04 Rear rack  
05 Saddle

06 Reflective sticker  
07 Front light  
08 Puncture resistant tyres  
09 Disc brake  
10 CB15 battery

11 Pedal  
12 Kickstand  
13 Carbon belt drive  
14 Display  
15 Off-road Accelerator\*

\* Optional

# 02

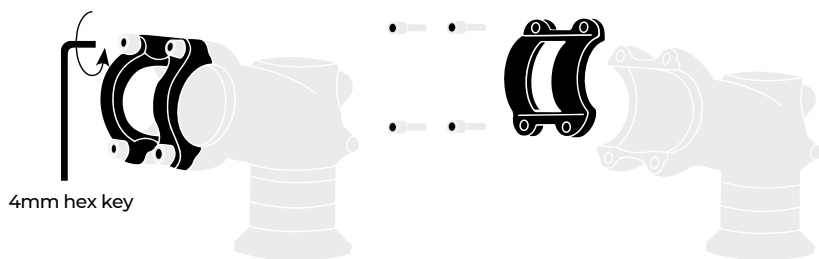
## Build your CRUISE



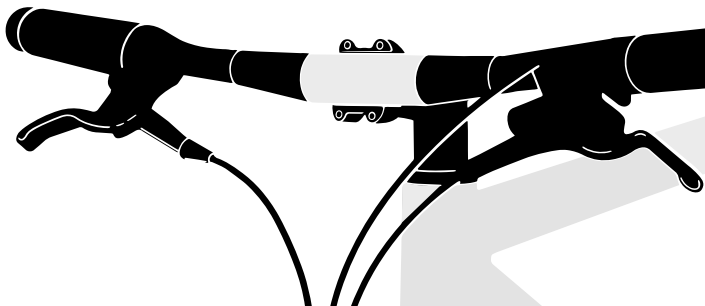
Scan me for assembly video and  
experience years of fun ahead.  
[cirgo.bike/watch-cruise](https://cirgo.bike/watch-cruise)

For optimal results and safety, it is advised to have your CRUISE assembled by a reputable local shop or an experienced technician for proper installation and adjustment of all components, maximising performance and safety.

1. Remove CRUISE out of the box and place it on a flat ground.
2. Use a 4mm hex key, turn counter clockwise to unscrew the 4 handlebar clamp fasteners (M5x22mm). Place the fasteners and handlebar clamp in a safe location.

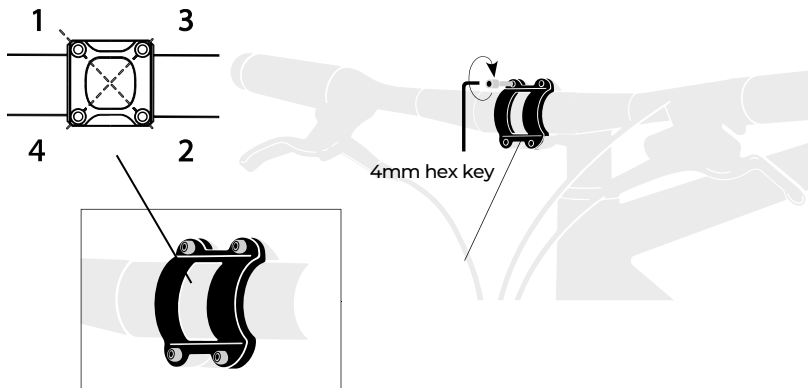


3. Align the handlebar according to the levelling guide on the stem.

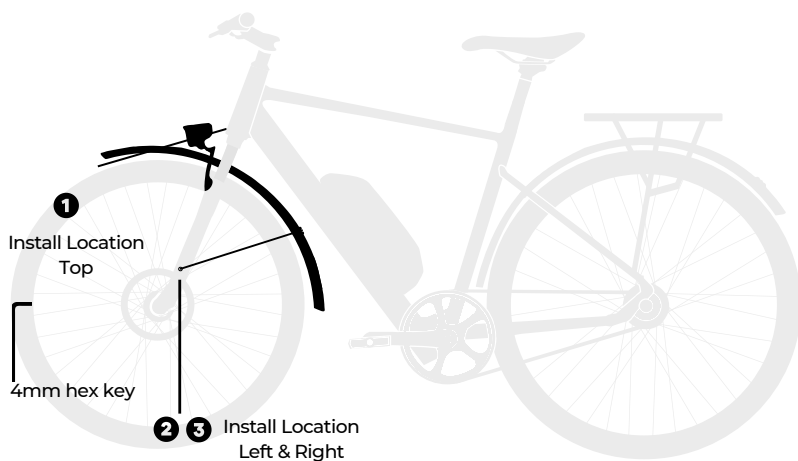


4. Use a 4mm hex key, turn clockwise to install the 4 handlebar clamp bolts in a square pattern. Do not fully tighten them yet.

5. Apply a maximum torque of 6Nm to securely tighten the handlebar with the clamps.



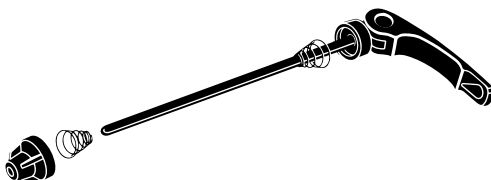
6. Adjust the front light to an upright position and use a 4mm hex key to install the front mudguard with the M6x10mm fasteners.



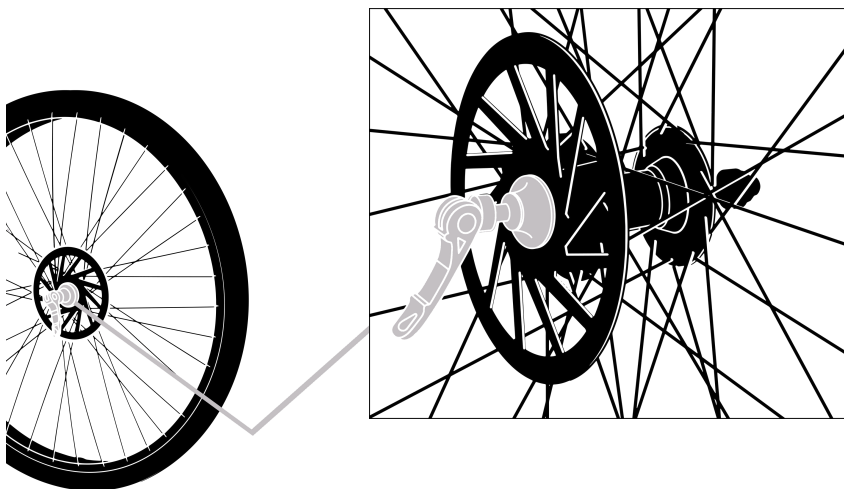
7. Insert the front light cable into the back of the light.



8. Remove the adjusting nut and skewer spring from the quick release and store them in a secured placed.

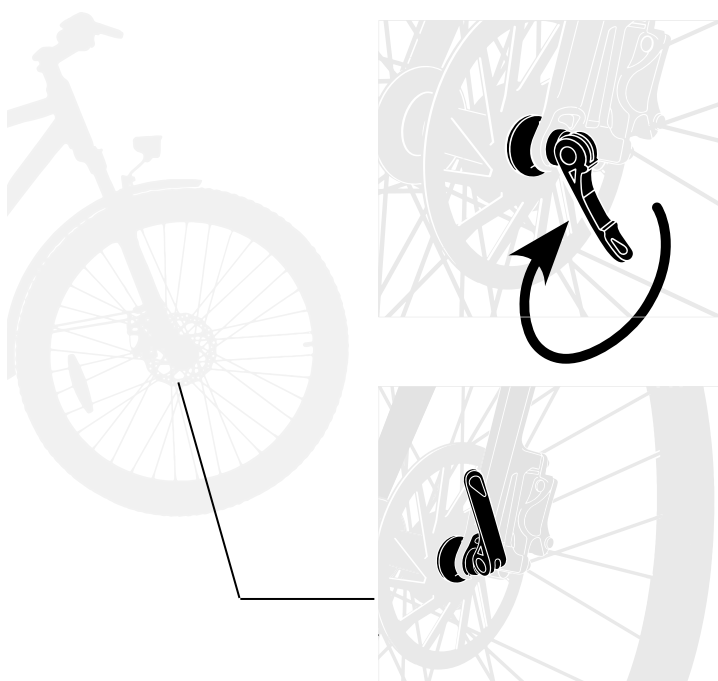


9. Attach the front wheel to the fork and align the disc brake with the brake calliper. Firmly install the quick release on the front wheel, and then reattach the adjusting nut and skewer spring.



10. With one hand, open and close the quick release lever while gradually tightening the adjusting nut clockwise. Continue tightening the adjusting nut until you feel resistance from the lever when it reaches a parallel position with the hub.

11. Grip the front fork with your fingers and use the palm of your hand to apply force to the quick release lever. It should require considerable force to fully tighten the lever.



12 Manually adjust the brake calliper to centre the brake disc.

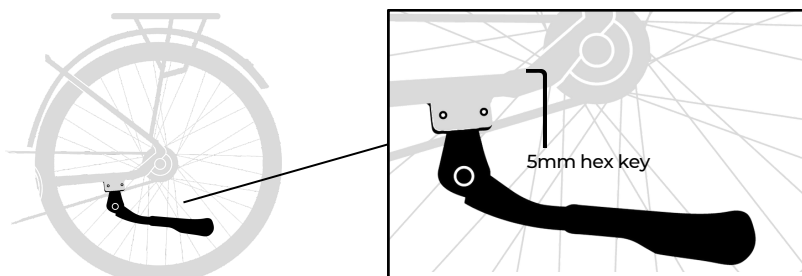


13. Install the left pedal by turning counter clockwise manually, then use a 15mm wrench to securely tighten it. Repeat the same process for the right pedal, turning clockwise.

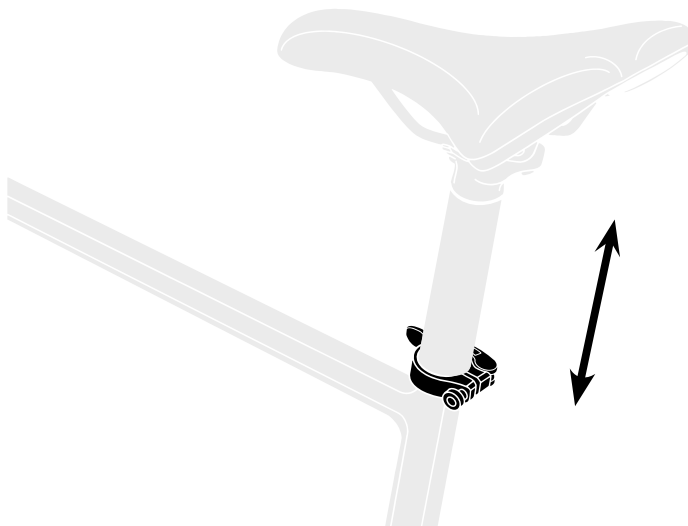
Make sure to match the pedals marked with "R" (Right) and "L" (Left).



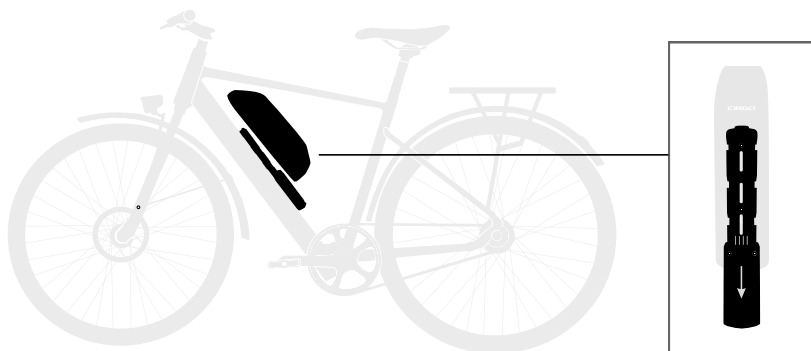
14. Use a 5mm hex key to attach M6x17mm bolts to the kickstand holder.



15. Loosen the adjusting nut and open the quick release of the seat tube to adjust the saddle height. Once you have reached a comfortable seating height, securely close the quick release.

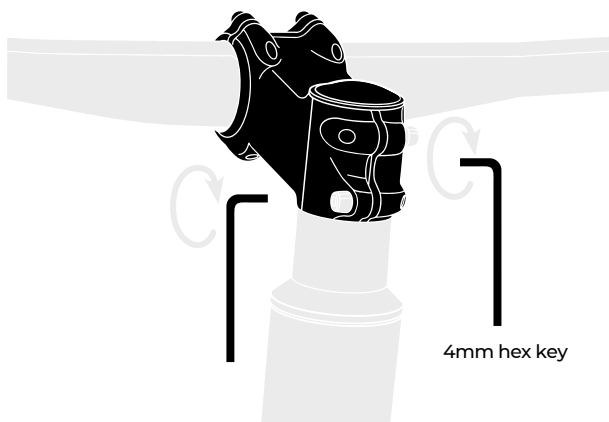


16. Attach the CB15 battery to the battery holder.



17. Inflates the front and rear tyres to 40 psi.

18. To calibrate the handlebar, firmly hold the front wheel between your legs. Align the handlebar using your hands, and then use a 4mm hex key to securely tighten the 2 bolts on the stem by turning clockwise.





# 03

## Know your CRUISE



## More time to Ride On

Experience extended journeys without any regrets. Delight in lengthier rides, filled with thrilling adventures. Power up just once and enjoy hours of uninterrupted riding.

## 540 Wh Lithium-ion Battery



## Road Legal eSystem

Unleash the exhilaration of pedal-assist technology and embrace the sheer power it offers. Enjoy effortless speed, making your ride an absolute breeze.

## 250W 40Nm EPACs Legal Motor



## Carbon Belt Drive System

The drive system is constructed with a weather-resistant polyurethane exterior, while the high-performance belt incorporates robust carbon fiber tensile cords that are both durable and resistant to stretching. It's safe to say that a regularly cleaned belt should last at least 2-4 times as long as a chain would, for a lifespan of up to 30,000 km (19,000 mi).



## Disc Brakes

Equipped with powerful mechanical disc brakes, you can count on reliable stopping power regardless of the weather conditions, be it rain, hail, or sunshine.



## Front, Rear & Brake Lights

The rear light remains illuminated as long as the front light is switched on, ensuring constant visibility. Additionally, when braking occurs, an additional light activates in accordance with the duration of the braking action.

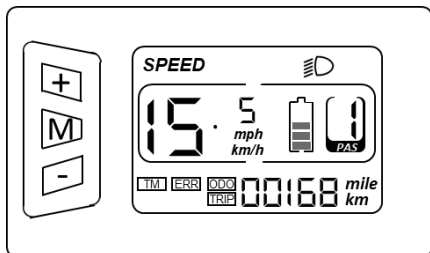


## Adjustable Suspension

Navigate through bumpy city roads and countless potholes with ease, thanks to the reliable suspension shock system. Experience a smooth and comfortable ride, free from any jolts or disturbances.

## 25 KG Rear Rack Capacity

With an impressive rear rack capacity of 25kg, transporting your gear becomes effortless. Pack your bags and embark on your journey without any worries, as the weight won't hinder your speed or become a burden.



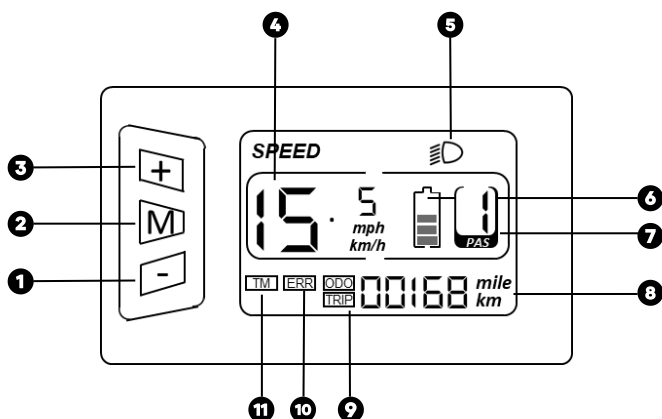
## Display

The CRUISE features a convenient digital display that enables you to monitor your Speed, Single Trip Duration, Single Trip Distance, Battery Level and Odometer reading, all without having to divert your attention from the road

# 04

## Operate Your CRUISE

### Display Interface



#### Information

01 - Button (Down)  
02 M Button (Power)  
03 + Button (Up)  
04 Speed

05 Light system ON  
06 Battery level  
07 Pedal assist level  
08 Total mileage

09 Single trip mileage  
10 Error code  
11 Single trip duration

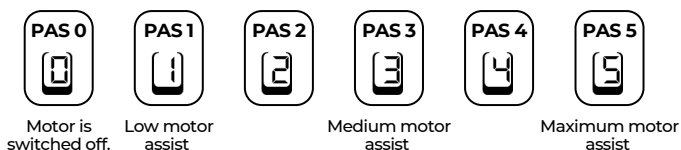
# Basic Operations Instructions

## 1. Power On and Off

To power on or off the CRUISE, simply press and hold the M Button (Power) for a duration of 3 seconds.

## 2. Adjust Pedal Assist Level (PAS)

Adjust the pedal assist level on the CRUISE by using the + Button (Up) to increase and the - Button (Down) to decrease the intensity. The default mode when the CRUISE is powered on is PAS 1.



## 3. Headlight and Taillight

To power on or off the headlight and taillight of the CRUISE, simply press and hold the + Button (Up) for a duration of 3 seconds.

## 4. View Single Trip Duration/Single Trip Distance/Error Code/Odometer

To switch between different display modes on the CRUISE, simply press the M Button (Power). You can cycle through options such as Single Trip Duration, Single Trip Distance, Error Code, and Odometer.

❗ It is normal for an ERR code to appear when the off-road accelerator\* is disconnected.

- TM** Single Trip Duration
- ERR** Error Code
- ODO** Odometer
- TRIP** Single Trip Distance

### Error Code

Code	Signification
0	Normal
10	Communication abnormalities
21	Current sensor abnormalities
22	Accelerator* disconnected or abnormalities
23	Motor phase line loss
24	Hall signals of the motor are abnormal
25	Electric brake abnormalities

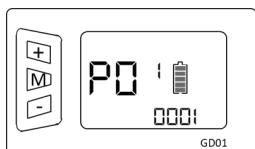
\* Optional

## Parameters Setting

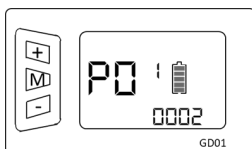
To enter the Parameter Settings mode on the CRUISE, simultaneously hold the + Button (Up) and - Button (Down). To exit this mode, perform the same action by holding the buttons together. Press the M Button (Power) to save the current setting and proceed to the next parameter.

### 1. P01 : Display Brightness

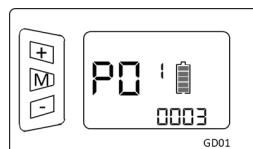
To adjust the brightness level, simply press the + Button (Up) or - Button (Down). Once you have selected the desired brightness, press the M Button (Power) to save the setting.



Level 1 Display Brightness  
**Dimmest**



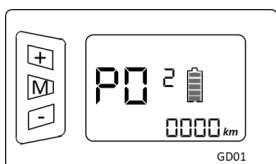
Level 2 Display Brightness  
**Medium**



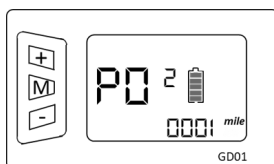
Level 3 Display Brightness  
**Brightest**

### 2. P02 : Modify display unit: km/h or mph

To switch between metric and imperial units, use the + Button (Up) or - Button (Down) to make the selection. Once you have chosen the desired unit, press the M Button (Power) to save the setting.



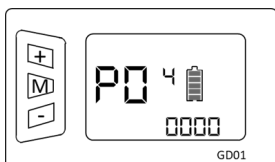
Metric settings km/h



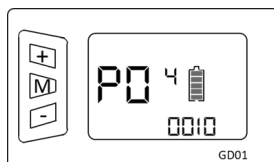
Imperial settings mph

### 3. P04 : Auto shutdown duration

To adjust the duration of the auto power-off feature, use the + Button (Up) or - Button (Down) to select a time ranging from 1 minute up to 60 minutes. Press the M Button (Power) to save the setting. To disable the auto power-off, set the duration to 0000. The default auto power-off duration is set to 10 minutes.



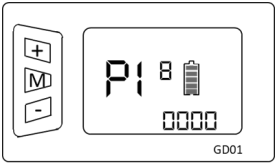
Auto Power Off is disabled.



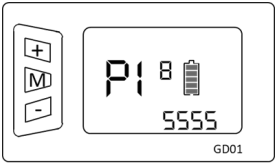
Auto Power Off in 10 minutes.

**4. P18: Factory reset (except ODO)**

To perform a factory reset, hold the + Button (Up) for a duration of 5 seconds. A successful factory reset is indicated by the display value changing to 5555.



Factory Reset Interface



Factory Reset  
successful

## Battery Care

### CB15 Capacity

The CRUISE features a detachable CB15 battery pack with a total capacity of 36V / 15Ah or 540Wh.



### CB15 Battery Level Indicator

To check the battery level on the CRUISE, press and hold the Power Button.

Percentage	Indication
75-100 %	RGGG
50-74 %	RGG
25-49 %	RG
0-24 %	R

### Look after CB15

#### Removing from battery controller

Power off the CB15 battery pack completely using the main switch located beside the charging port. Set the switch to "0" to power off completely and "1" to power on.

#### Charging

- Only use the CIRCO genuine charger to charge the battery pack indoors, between 10°C and 25°C on a non-flammable surface equipped with a smoke alarm. Using a non-genuine charger poses a serious safety risk.
- Keep the battery pack away from direct sources of heat such as heaters or ovens. Avoid exposing the battery or charger to direct sunlight, moisture, or water during the charging process.

#### Transport

Remove the CB15 battery pack from the CRUISE before transporting it on a vehicle bike rack.

#### Winter

If the outside temperature drops below 5°C, charge the battery in a room-temperature environment before powering on and riding the CRUISE. Colder temperatures can affect battery performance.

#### Summer

Avoid exposing the battery pack to direct sunlight on hot summer days.

#### Maximise the CB15 lifetime

- Avoid leaving the CB15 battery fully discharged for extended periods.
- If you won't be riding the CRUISE for an extended period, remove the battery pack, store it in a dry environment at room temperature (between 10°C and 25°C), and maintain a partial charge between 25% and 75%.



# 05

## Before Riding

### Before every ride

1. Always wear appropriate protective gear while riding on the road, including a safety helmet. Ensure your visibility to other road users.
2. Before riding, make sure the battery is charged sufficiently to cover your intended distance. Confirm that the battery is securely clicked into the casing.
3. Check the tyre pressure regularly as they may deflate. Inflate the tyres to a recommended pressure of 40 psi. Riding comfort may be affected if the tyre pressure is below the minimum of 40 psi or above the maximum of 60 psi.
4. Test the brakes by squeezing them to ensure they are functioning perfectly and provide reliable stopping power.
5. Assess the belt tension by firmly pressing down on the middle of the belt with your index finger. The deflection of the belt should be between 0.5cm and 1cm. Note that lubrication is not required for the belt.
6. Remember that in wet conditions, stopping distances increase. Adjust your riding style accordingly and brake sooner and more smoothly to maintain control and safety.

### Before your first ride

#### 1. Fully Charge up

Charge your CRUISE battery fully before your first ride.

#### 2. Find a safe place

Familiarise yourself with your new CRUISE in a safe area with minimal traffic. When mounting the bike, remember not to step on the pedals until you are seated on the saddle and have a firm grip on the handlebar and brake levers.

To optimise braking performance and prevent squeaking noises, it is recommended to bed in the brakes.

1. Find a spacious area and hop on your CRUISE. Pedal until you reach a moderate speed of around 9mph.
2. Take a seated position in the saddle and apply the brakes evenly, ensuring not to skid, until your speed reduces to a walking pace.
3. Release the brakes while maintaining your forward movement.
4. Repeat these steps a total of 10 times. You will notice the brake power increasing with each repetition. Exercise caution to avoid skidding as the brake power amplifies with each repeat.
5. Perform the same sequence of steps but increase your speed to 15mph.
6. Repeat this set of actions 5-6 times.

### **3. Local rules and regulations**

To ride the CRUISE on public roads, it is essential to adhere to the applicable local driving regulations, which may include requirements for lights and reflectors. These regulations can vary from one country to another.

Moreover, regulations regarding bikes with pedal assistance can also change in your specific country. It is crucial to stay informed and up to date on these regulations by regularly reading the daily press and government publications. This will ensure that you remain compliant with the latest legal requirements.

### **4. Ride safely**

The CRUISE is equipped with mechanical disc brakes. It's important to note that the left-hand lever controls the rear brake, while the right-hand lever controls the front brake.

The brakes on your bike are highly responsive, so it's advisable to avoid sudden or abrupt braking. When coming to a stop, apply the brakes carefully and bring the bike to a complete halt in a safe area.

After extensive use, the brake discs may become hot. Take caution when handling them.

Please be aware that the stopping distances for the CRUISE might be longer compared to conventional bikes you may have previously ridden. It's particularly important to exercise extra caution when riding in wet conditions, as the braking effect may be reduced, resulting in further increases in stopping distances. Stay vigilant and adapt your braking accordingly to ensure safety on the road.

# 06

## Maintenance

### Servicing & parts

It is recommended to have the bike serviced annually or after covering 600 miles (1000 kilometres), whichever comes first.

For your safety and to prevent damage to the bike, never try to open or access any part of the electrical system of the CRUISE. Doing so can pose a risk of injury and long-term damage. If you require any spare parts, always use approved CIRGO parts. You can reach out to us through our online chat or via email at [cs@cirgo.bike](mailto:cs@cirgo.bike).

### Cleaning

- Always power off the CRUISE before washing and ensure that the battery is securely locked in place with the charger port cap secured.
- Avoid washing your CRUISE upside down. Flipping the bike upside down during washing can cause water to accumulate in the motor and battery, resulting in damage.
- Do not use a power washer or apply high-water pressure when cleaning the CRUISE.
- Only use bike-specific cleaning solutions such as soapy water or clean water for washing.
- After washing, make sure to thoroughly dry the CRUISE before storing it. You can bounce the bike a few times on the ground to remove any excess water.
- Take extra care to wipe down the bike using a microfiber towel or other highly absorbent cloth, paying special attention to bolts and electrical connections.

By following these guidelines, you can maintain the cleanliness and longevity of your CRUISE.

### Motor

The CIRGO C40 motor delivers a maximum power output of 250W and provides assistance up to a speed of 25km/h or 15.5mph, in accordance with the regulations set by the European Union (EU) and the United Kingdom (UK).

## Belt drive

The CRUISE is equipped with a belt drive system that does not require lubrication. However, it is important to regularly inspect the belts and sprockets for any signs of deterioration.

Ensure that the belt is kept free from debris, and if necessary, you can clean it with water and a small amount of soap. Solid dust and dirt accumulation can potentially lead to unexpected belt breakage.

If you notice any significant wear or damage to the belt, please reach out to us through our online chat or by email at [cs@cirgo.bike](mailto:cs@cirgo.bike). We can provide assistance and arrange for a belt replacement if needed. Maintaining the belt drive system in good condition ensures optimal performance and reliability of your CRUISE.

## Brake system

It is recommended to check the brake pads on your CRUISE every 600 miles (1000 kilometres) of riding or whenever you experience a decrease in braking power or hear unusual noises.

During the inspection, ensure that the brake pad material is not thinner than the backing plate it is attached to. If the pad material is worn too thin, it may be time to replace the brake pads.

Additionally, check the brake housing for any signs of obvious wear. Ensure that the housing is in good condition without any visible damage or excessive wear.

Regularly checking the brake pads and housing will help maintain optimal braking performance and ensure your safety while riding.

## Storage

It is important to store your CRUISE indoors only. Leaving it outdoors for an extended period exposes it to external elements that could potentially cause damage.

We recommend storing the CRUISE in environments with temperatures ranging from 0°C to 25°C and humidity levels between 45% and 85%. Avoid storing the CRUISE at temperatures below 10°C or above 60°C. If the indoor temperature and humidity do not match the recommended range, consider storing your CRUISE in a climate-controlled setting.

For long-term storage, it is advisable to recharge the battery pack for two hours every two months. This helps maintain the battery's health and performance during storage.

## Tyres

The CRUISE features tyres with dimensions of 27.5"x2.10". When replacing the inner tube, you can choose any tube with a Schrader Valve that is compatible with these tyre dimensions.

It is important to replace the tyre with a new one when you notice signs of wear. These signs may include threadbare treads, small nicks and cuts in the tread, holes and tears, bulging, flat spots, sidewall cracking, or the tyre bead separating from the sidewall.

Regularly inspecting your tyres and replacing them when necessary ensures optimal performance and safety while riding your CRUISE.

# 07

## Always here

### Warranty

Every new electric bicycle from CIRGO comes with a limited warranty against the manufacturer's defects from the point of delivery.

Your warranty includes:

- 1,000miles / 12-month warranty (whichever comes first) that covers manufacturing defects resulting in the failure of various components such as the display, frame, fork, handlebar, seat post, saddle, crank set, rims, spokes, kickstand, rear drive motor, and CB15 battery pack.

Please note that the warranty only applies to manufacturing defects that were present at the time of handover. It does not cover wear-and-tear, accidental damage, improper assembly or follow-up maintenance, or the installation of parts or accessories.

To make a warranty claim, you will need to provide the original receipt of purchase as proof of purchase. CIRGO may require you to follow a standard procedure for warranty claims, which may involve providing photos and videos to help their after-sales staff assess the fault with the product. It is recommended to keep the original box, as replacement boxes are not covered by the warranty.

Please be aware that any modifications made to the frame or components will void this warranty. CIRGO is not responsible for any incidental or consequential damages. This warranty does not affect your statutory rights as a consumer.

### Compliance

The product: Electrically Assisted Pedal Cycles' (EAPCs).

CRUISE is in compliance with EN15194:2017 and EN62133-2 2017.

### Disclaimer

Under no circumstances, including, but not limited to negligence, shall CIRGO or any CIRGO distributor (seller) be liable for any damages, including but not limited to special or consequential damages that result from the use of, or the inability to use, the CIRGO bike and/or any other products or materials referred to in this manual, even if Cirgo has been advised of the possibility of such damages. Applicable law may not allow the limitation or exclusion of liability or incidental or consequential damages, so the above limitation or exclusion may not apply to you.

All pictures shown are for illustration purpose only. Actual product may vary due to product enhancement.

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