



YOUR LIFE,  
HEYBIKE



# HEYBIKE BRAWN ELECTRIC BIKE USER MANUAL

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The manufacturer reserves the right to make changes to the product and manual at any time

Visit [www.heybike.com](http://www.heybike.com) to download the latest user manuals



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## CONGRATULATIONS ON YOUR PURCHASE!

**1**

This user manual will help you assemble and operate your new electric bike. Be sure to read all the information in this manual before riding.

**2**

**NOTE TO ALL RIDERS UNDER 18 YEARS OF AGE:** It's very important that you get parental permission before riding your electric bike.

**3**

If there is any assistance needed, please feel free to contact Heybike Support.





## ! Product Safety Notice



Always wear a helmet when riding your electric bike.



Keep the two keys properly. If the unique keys are lost, you will not be able to turn on the bike or replace the battery. If necessary, you should get more spare keys (We don't have a backup key).



Make sure your electric bike has a full battery before taking it out to ride.



Always be aware of local road laws, and follow them.



Do not ride the bike under the influence of drugs or alcohol.



Always respect pedestrians.



Do not ride under wet conditions. The electric bike may slide from under your feet causing injury. Wet conditions may damage the electronics and void the warranty.

**DON'T RIDE UNTIL YOU READ THESE:**

## ! Warning Message

- **Avoid water** – The electric bike is not waterproof. The electronics may be damaged due to water and water damage is not covered by our warranty. Riding in wet conditions is also very dangerous and may result in injury.
- **Avoid prolonged exposure** to sun or rain and avoid storage in places with high temperatures or corrosive gas.
- **Abuse** – We do not cover physical damage due to negligent care and extreme riding.
- **Whenever you ride** the heybike Electric Bike, you risk severe injury or even death from loss of control, collisions, and falls. Use caution and ride at your own risk.
- **Do not modify** the product from manufacturer's original design.
- **Do not exceed** the posted speed limit and obey all traffic laws.
- **Avoid touching** the charging port directly and do not let it make contact with a metal object.
- **Keep hands and all body parts away** from moving parts while operating the electric bike.
- **Before riding** – be sure to check the electric bike over and make sure the electric bike is operating correctly before each use.
- **Before riding** – be sure to check that the braking system is functioning properly; also be sure to check that all safety labels are in place and you understand the safety warnings.
- **Before riding** – be sure that any and all axle guards, chain guards, or other covers or guards supplied by the manufacturer are in place and in serviceable condition.
- **Before riding** – be sure to check that the tires are in good condition, inflated properly, and have sufficient tread remaining.
- **Never exceed** the 264 lbs (120 kg) maximum load rating.
- **The electric bike should never** be used by children under the age of 18.
- **Maximum Speed** – Your electric bike goes at a maximum speed of 20 mph.
- **Make note that additional insurance may be required to** cover situations you encounter while riding an electric bike. It is recommended that you contact an insurance company or broker for advice and consultation.
- **To conserve electricity**, use assist mode, and avoid zero starting, frequent braking, driving against the wind, carrying heavy loads including other people and riding with insufficient air pressure.



## Package Contents



1×User Manual



2×Pedal



1×Front Light



1×Charger



1×Front Wheel



2×Fenders



1×Back Rack



2×Key



2×Front Fork Cover

2×Open-end Wrench  
4×Allen Wrench

1×Electric Bike

Carefully check package contents, if anything is missing or damaged, please contact Heybike Support.

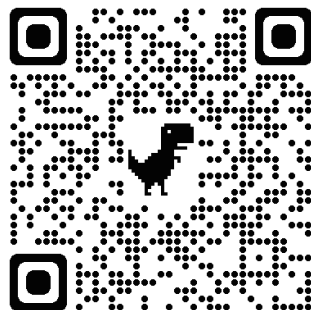
Unpack the bike. Open the bike box and remove the small box inside. With the help of another person capable of safely lifting a heavy object, remove the bike from the bike box. Carefully remove the packaging material protecting the bike frame and components. Please recycle packaging materials especially cardboard and foam whenever possible. Open the small box and carefully set out all contents.

## Product Overview





## Assembly



Scan QR code to download assembly video:

Congratulations on your purchase of a Heybike Brawn electric bike! The instructions that follow are intended to serve as a guide in unboxing and getting familiar with your new bike.

Please visit [www.heybike.com](http://www.heybike.com) for additional help with assembly, including a step-by-step video.

Or you can Scan the code to download the tutorial about how to assemble the bike.

If you do not feel comfortable assembling the bike yourself, we recommend taking your new bike to a bike shop for assembly and inspection. If you are willing to assemble the bike yourself, be sure to follow all instructions, properly adjust gears and brakes, and set tire pressure.

## Assembly

**Note:** When properly installed, the front wheel should be fully seated and centered in the dropouts of the front fork. The brake rotor should be in between the brake pads in the brake caliper, and the front fork nut should be fully and properly secured. Ensure the front wheel is properly secured before moving on to the next step.



1

Locate the front wheel. Adjust the position of the front wheel to align the axle at the center of the wheel with the center of the front dropout.



2

Line up the fork with the axle at the center of the wheel. Make sure there's a spacer between the fork and wheel on each side. Install safety hook, gasket, and nut in turn.



3

Tighten the nut onto the fork with the No.15 wrench.



4

Install the front fork cover.



## Assembly



**1** Loosen secure the top of the faceplate. The Aluminum Mold Ring is only used for packaging protection. Please take it off.



**2** Insert the handlebar into the fork locknut to the desired height.



**3** Place the handlebar correctly on the stem and tighten the center screw.



**4** Loosen the four Allen screws. Center the handlebar and adjust the direction, Make sure the handlebar is centered on the stem.

## Assembly



**5** Place the cover onto the handlebar and tighten four screws.



**6** Use the wrench to tighten the screws on the left and right sides of the stem.



**7** Check it again to make sure the handlebar stem is in line with the top tube, then use the wrench to tighten the screw and fix the handlebar stem in place.



**8** Find out the display cable and connect it.





## Assembly

**1**

Unscrew the support bracket screws

**2**

Tighten the support bracket with screws

**3**

Fix the front end of the front fender to the front fork



## Assembly

**1**

Remove the support bracket screws

**2**

Tighten the support bracket with screws



## Assembly



**1** Remove the back rack screws



**2** Remove the back rack screws



**3** Complete assembly

## Assembly



**1** Rotate the bracket towards 90 degree



**2** Loosen the front light screw with the No. 13 wrench



**3** Fasten the light to the first hole and tighten the screw



**4** Connect the light to the bike's power cable (blue interface)



## Assembly

- (1) NOTICE: Ensure the seatpost and seat are properly adjusted before riding. DO NOT raise the seatpost beyond the minimum insertion marking etched into the seatpost tube (as shown at right). If the seatpost projects from the frame beyond these markings (shown far right), the seatpost or frame may break, which could cause a rider to lose control and fall. Ensure the minimum insertion markings on the seatpost are inside the seat tube of the frame.



- (2) Before using the bike, always check to ensure all latches, levers, and quick releases are properly secured and undamaged. Check that they are correctly secured before every ride and after every time the bike is left unsupervised, even for a short time. Otherwise, the handlebar stem and/or seatpost may come loose and can result in loss of control, damage to the bike, property, serious injury, and/or death.

## Assembly

### Adjusting the Suspension Fork

The suspension fork can move up and down up to 80mm to cushion bumps in the riding surface, which can make riding on a rough road or trail smoother and more comfortable. Depending on a rider's preference, the suspension fork can be locked out as a rigid fork, which will typically yield higher efficiency while pedaling.

**The lockout lever (1)**, located on top of the right side of the suspension fork, can be turned counterclockwise until it stops to completely lock out the suspension fork's travel. To unlock the lockout lever, turn the knob clockwise until it stops. When the lockout lever is unlocked, resistance can be adjusted by turning.



**The preload adjustment knob (2)**, located on the top of the left side of the suspension fork. To soften the ride, subtract resistance by turning the preload adjustment knob counterclockwise, in the direction of the small “-” on the knob. To make the suspension stiffer when going over bumps, add resistance by turning the preload adjustment knob clockwise, in the direction of the small “+” on the knob.





## Assembly

Brawn equipped with a hydraulic seat. For better pedaling, safety, and overall riding comfort, positioning the seat at the right height is important. The rider's leg length is used to determine the seat's position. When you pedal, your hips should remain level and your legs should be almost fully extended at the bottom of the pedal stroke, but not over-extended.



1

Hold down the adjustment switch and press the seat down. Adjust to the appropriate height and release the switch to fix.



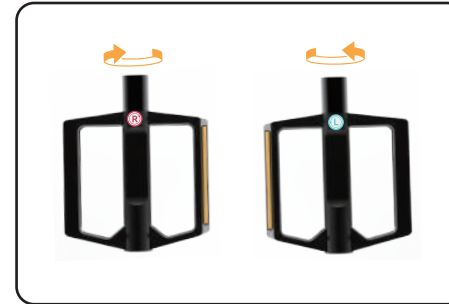
2

Press and hold the adjustment switch again, and the seat will slowly return to its original height.



## Assembly

**Note: If the pedal/chain doesn't run smoothly or something seems misaligned, please contact Heybike Support.**



1

Locate the right/left side pedal, which has the "R"/"L" sticker attached.



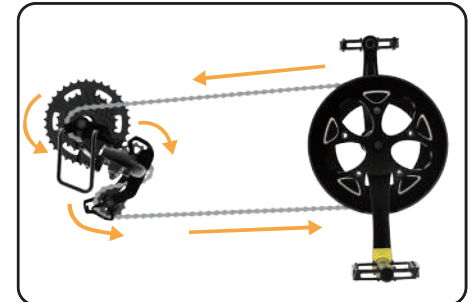
2

Thread the right pedal onto the right crank gently by hand, turning clockwise. Then tighten the pedal with Allen Wrench.



3

Thread the right pedal onto the right crank gently by hand, turning clockwise. Then tighten the pedal with Allen Wrench.



4

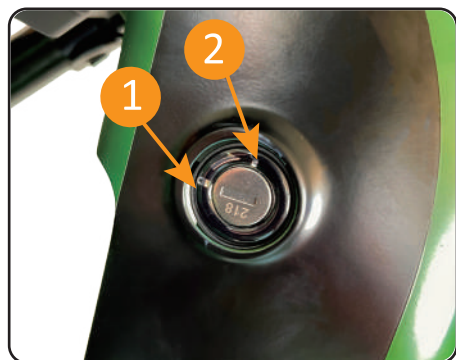
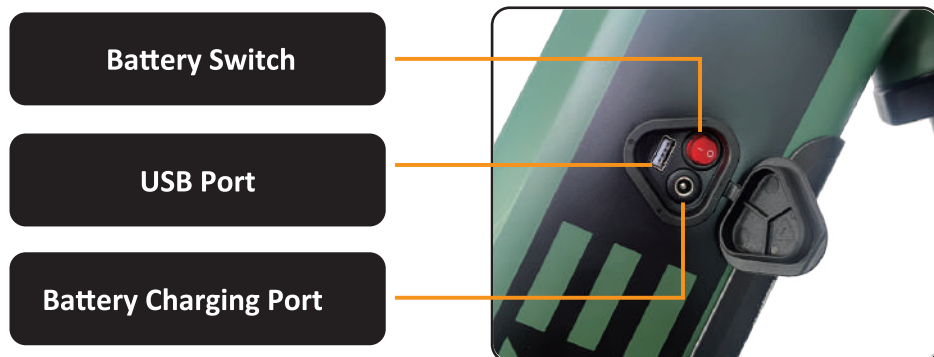
Check the chain alignment. Rotate the right pedal and crank toward the back of the bike as though pedaling backward. Watch the chain and ensure the chain runs through the drive train (the rear cog, chain tensioner, and around the front chainring) smoothly.





## Battery Key Positions

Familiarize yourself with the key port and battery power positions before riding the bike.



**1**

In position 1, the battery is in the lock status and locked to the frame. The key can be removed and the bike is ready to ride.


**2**

Anytime in position 2, the battery is in the unlock status and unlocked from the frame. To prevent accidents, must make sure the battery in lock status(Position 1) before moving or riding.



## Start-up Procedure

After the bike has been properly assembled according to the assembly video, all components are secured correctly, a certified, reputable mechanic has checked the assembly, and you have read this entire manual, turn on the bike and select a pedal assist level following the steps below:

- Familiarize yourself with the battery power positions. Turn on the battery first, then be ready for a ride.
- Ensure proper handlebar and seat adjustment. Note that lowering the seat so the rider can put one or both feet flat on the ground without dismounting from the seat may offer a safer and more comfortable introduction to operating the bike. Ensure the handlebar faceplate bolts and seat post quick-release are fully and properly secured.
- Turn on the bike. With the battery locked in place. Locate the LCD display controls (near the left handlebar grip). Hold down the power button for approximately 3 seconds until power is delivered to the LCD display and turned on.
- Turn on the headlight and taillight if needed. Once the battery is on, press  button (located on the light remote).
- Select the desired level of pedal assistance (PAS) between levels 0 through 5 using the + and - on the display remote. Level 1 corresponds to the lowest level of pedal assistance. Level 5 corresponds to the highest level of pedal assistance. Level 0 indicates pedal assistance is inactive. Start in PAS level 0 or 1 and adjust from there.
- Begin riding carefully. With the proper safety gear and rider knowledge, you may now operate your bike. On a flat surface, in a low gear (1 or 2), most riders should be able to begin pedaling the bike with pedal assist level 0 or 1. You may also use the throttle to accelerate and maintain your desired speed.
- The throttle is used by slowly and carefully rotating the throttle backward toward the rider. Do not use the throttle unless you are on the bike.



**Do not use the throttle while dismounted. Avoid accidental application of the throttle while dismounted; anytime you are moving the bike while dismounted, ensure the bike is powered off to prevent the accidental application of the throttle.**





## Remove the Battery

For your convenience, Heybike battery can be removed.

Please note that be careful not to drop or damage the battery when it is removed. When installing the battery, align the battery with the frame and push up. Press it with some force and hear a clicking sound, then the battery is fixed without shaking.



1

Ensure battery power is turned off. Insert the key and rotate until the keyhole is aligned with the unlock icon.



2

When the battery is unlocked, it will pop down but will not fall directly. Rotate the switch under the battery, at this time, the battery will be separated from the frame, please hold it in your hand and take it out slowly.



## Charge Your E-Bike



Charging Port

- Remove the rubber cover on the charging port on the right side of the battery.
- Inspect the power switch markings to make sure the battery is off.
- Plug the charger into the battery's charging port. With the battery on or off the bike, place the charger in a flat and secure place. Connect the DC output plug from the charger to the charging port on the side of the battery.
- Plug the charger into a power outlet, charging should initiate and the LED indicator s light on the charger will turn red. Once fully charged, the light turns green. Unplug the charger from the wall outlet first and then remove the charger output plug from the battery charging port.





## Charge Your E-Bike



1

The battery can be charged off the bike. To remove the battery, turn the key to the UNLOCK position (see the previous remove battery section for details).



2

Connect the DC output plug from the charger to the charging port on the side of the battery.

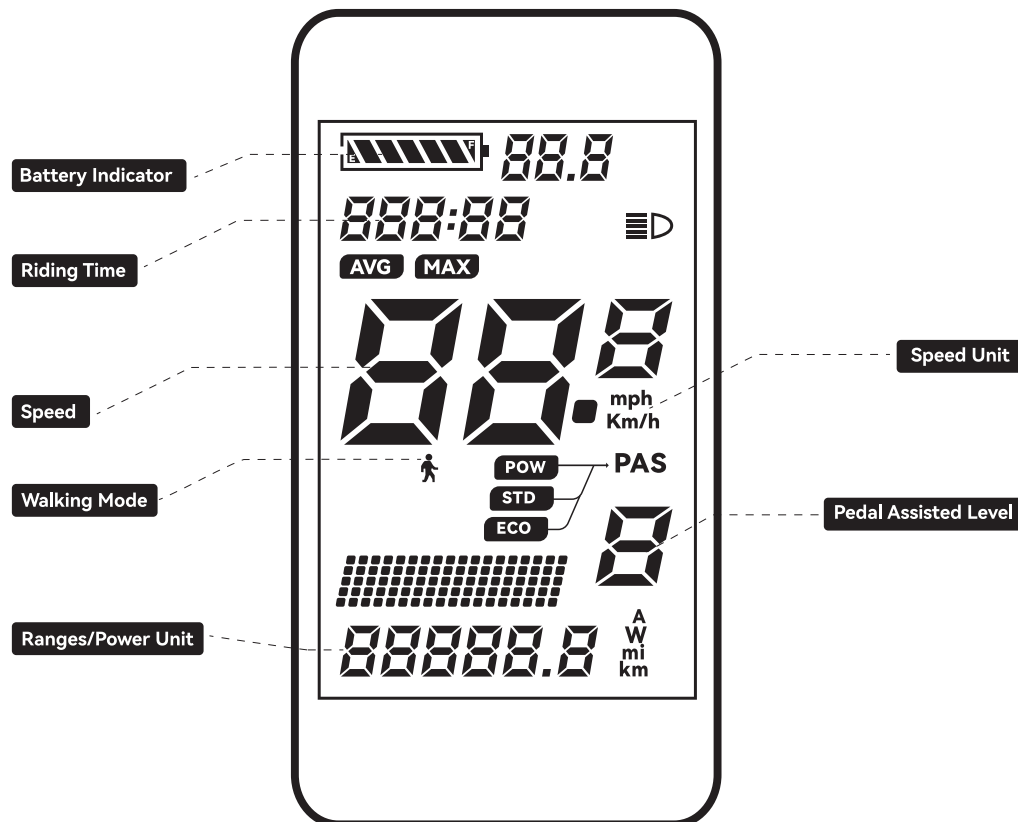


3

Plug the charger into a power outlet, charging should initiate and the LED indicator's light on the charger will turn red. Once fully charged, the light turns green.



## Display and Setting







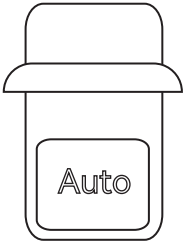
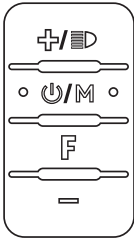
# Display and Setting

Icon	Meaning
	Riding Time/Clock
	Battery Level and Voltage
	Speed AVG: Average Value; MAX: Maximum Value mph: miles per hour; km/h: kilometers per hour
	Pedal Assist Level
	ODO: Total mileage DST: Single trip mileage mi: miles; km: kilometers
	Backlight Indicator
	Low Battery Alarm
	Brake Failure
	Cruise Control Mode
	Boost
	Wireless Signal
	Bluetooth



# Display and Setting

## LCD Display Controls



Operation	Directions
Power On	Press  and hold for 3 seconds
Power Off	Press and hold  for 3 seconds
Turn On Display Backlight	Long Press
DST and ODO Toggle	Press
Increase Pedal Assist Level	Press
Decrease Pedal Assist Level	Press
Speed Mode Toggle (Current/Maximum/Average)	Press  (Max speed or Avg speed will automatically return to the current speed after displayed for 5 seconds)
Walking Mode Toggle	Long Press
Turn on/off the headlight	Press
Turn on/off the horn	Press
Turn on/off the headlight auto-sensing feature	Press the “Auto” button



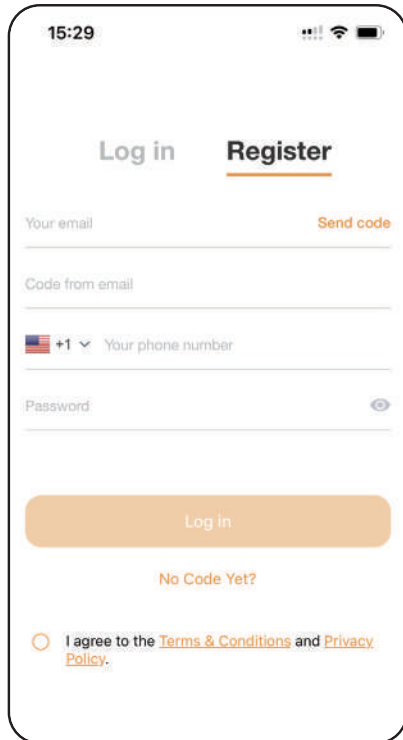
## APP Operation

Heybike APP will update continually and the phone display interface is subject to the latest version. Note: APP is only available for models released after September, 2022.

Please download the Genuine APP from Google Play Store or IOS App Store.(Search heybike)

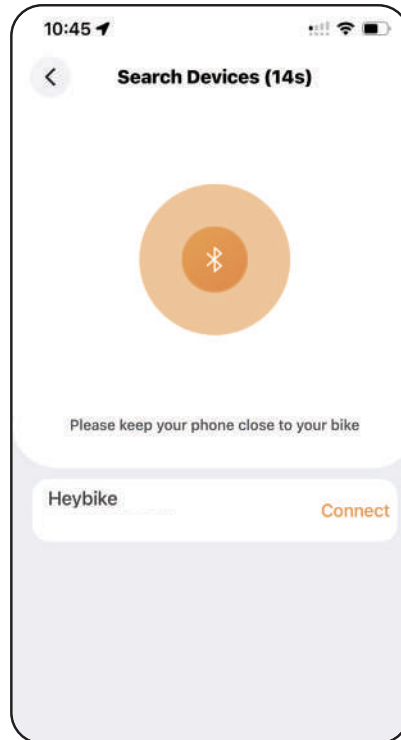


● Heybike



1

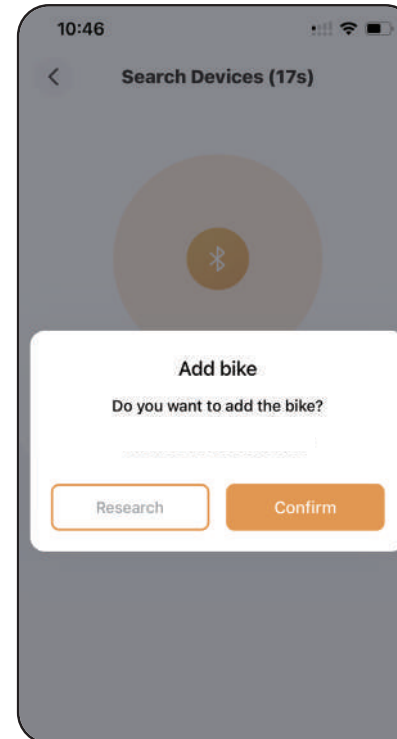
Turn on the Bluetooth on your phone first. Use your email to register an account for the first use and log in.



2

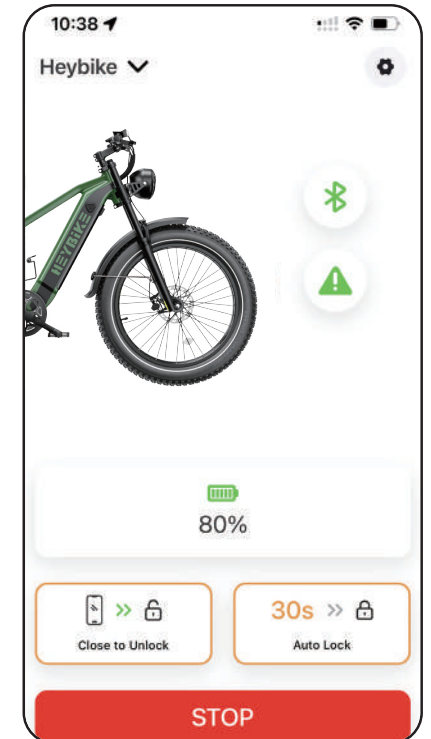
After login, click the Connect button to enter the Bluetooth search page.

## APP Operation



3

Find your device, click Connect on the right side, then click Confirm to bind your bike.



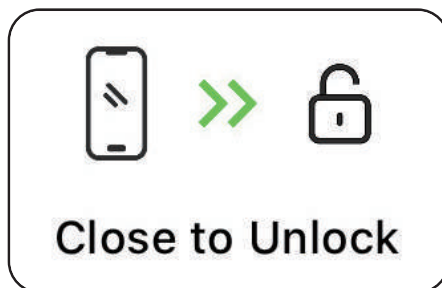
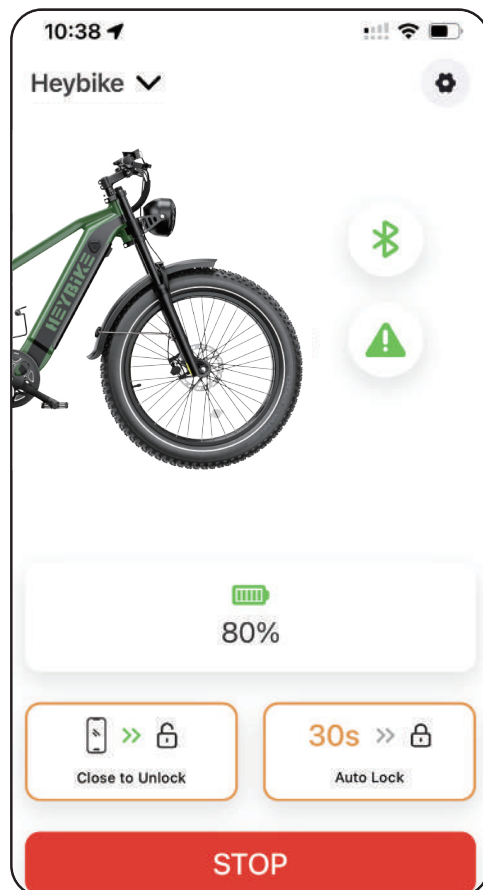
4

The Bluetooth icon on the main page will stay firm green which means the APP is connected successfully with the bike. (Note: the blinking blue Bluetooth icon means the APP doesn't connect with the bike)



## APP Operation

Log in and Connect your Bike



**1** **Close to unlock**  
Need to open the APP and connect to Bluetooth, while close to the bike 3-5 meters, the bike will turn on automatically.



**2** **Auto lock**  
The bike will be turned off automatically after the Bluetooth is disconnected and reaches the setting time.

## Daily Care and Maintenance

### Cleaning and Storage

If you see stains on the bike body, wipe them off with a damp cloth. If the stains won't scrub off, put on some toothpaste, and brush them with a tooth brush, then wipe them off with a damp cloth.

Notes: do not clean the bike with alcohol, gasoline, kerosene or other corrosive and volatile chemical solvents to prevent dire damage. Do not wash the bike with a high-pressure water spray. During cleaning, make sure that the bike turned off, the charging cable is unplugged, and the rubber flap is closed as water leakage may result in electric shock or other major problems. When the bike not in use, keep it indoors where it is dry and cool. Do not put it outdoors for along time. Excessive sunlight, overheating and over cooling accelerate the battery pack's life span.

### Battery Maintenance

1. Use original battery packs, use of other models or brands may bring about safety issues;
2. Do not touch the contacts. Do not dismantle or puncture the casing. Keep the contacts away from metal objects to prevent short circuit which may result in battery damage or even injuries and deaths;
3. Use original power adapter to avoid potential damage or fire;
4. Mishandling of used batteries may do tremendous harm to the environment. To protect natural environment, please follow local regulations to properly dispose used batteries.
5. After every use, fully charge the battery to prolong its life span.

### Storage and Disposal

1. Please try to store the bike in a cool and dry place between 50 °F – 77 °F (10 °C – 25 °C). In extremely humid environments the interior of the bike may suffer condensation or even water accumulation, which may damage the battery rapidly. Devices are not intended for use at elevations greater than 2000m above sea level prolonged exposure to UV rays, rain and the elements may damage the enclosure materials, store indoors when no tin use.
2. In daily use, try to avoid recharging the bike after completely exhausting the battery. If the battery is low, charge it as soon as possible.
3. Please charge the bike every other month to preserve the battery.



Recommended Service Intervals

Regular inspection and maintenance are key to ensure bikes from heybike function as intended, and to reduce wear and tear on their systems. Recommended service intervals are meant to be used as guide-lines. 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.

Interval	Inspect	Service	Replace
Weekly, 100-200 mi (160-321km)	<ul style="list-style-type: none"><li>- Check drivetrain for proper alignment and function (including the chain, freewheel, chainring, and derailleur).</li><li>- Check wheel trueness and for quiet wheel operation (without spoke noise).</li><li>- Check condition of frame for any damage.</li></ul>	<ul style="list-style-type: none"><li>- Clean frame by wiping frame down with damp cloth.</li><li>- Use barrel adjuster(s) to tension derailleur/brake cables if needed.</li></ul>	<ul style="list-style-type: none"><li>- Replace any components confirmed by heybike Product Support or a certified, reputable bike mechanic to be damaged beyond repair or broken.</li></ul>
Monthly, 250-750 mi (402-1207km)	<ul style="list-style-type: none"><li>- Check brake pad alignment, brake cable tension.</li><li>- Check bike is shifting properly, proper derailleur cable tension.<ul style="list-style-type: none"><li>- Check chain stretch.</li></ul></li><li>- Check brake and shifter cables for corrosion or fraying.<ul style="list-style-type: none"><li>- Check spoke tension.</li></ul></li><li>- Check accessory mounting (rack mounting bolts, fender hardware, and alignment).</li></ul>	<ul style="list-style-type: none"><li>- Clean and lubricate drivetrain.</li><li>- Check crankset and pedal torque.</li><li>- Clean brake and shift cables.</li><li>- True and tension wheels if any loose spokes are discovered.<ul style="list-style-type: none"><li>- Balance the battery.</li></ul></li></ul>	<ul style="list-style-type: none"><li>- Replace brake and shift cables if necessary.</li><li>- Replace brake pads if necessary.</li></ul>
Every 6 Months, 750-1250mi (1207-2011km)	<ul style="list-style-type: none"><li>- Inspect drivetrain (chain, chainring, freewheel, and derailleur).</li><li>- Inspect all cables and housings.</li></ul>	<ul style="list-style-type: none"><li>- Standard tune-up by certified, reputable bike mechanic is recommended.</li><li>- Grease bottom bracket.</li></ul>	<ul style="list-style-type: none"><li>- Replace brake pads.</li><li>- Replace tires if necessary.</li><li>- Replace cables and housings if necessary.</li></ul>

Pre-Ride Safety Checklist

Notice: Before every ride, and after every 25-45 miles(40-72 km), we advise following the pre-ride safety checklist.

Safety Check	
1.Brakes	Ensure front and rear brakes work properly. Check brake pads for wear and ensure they are not overworn. Ensure brake pads are correctly positioned in relation to the rims. Ensure brake cables are lubricated, correctly adjusted, and display no obvious wear. Ensure brake levers are lubricated and tightly secured to the handlebar. Test that the brake levers are firm and that the brake, and the brake light are functioning properly.
2.Wheels and Tires	Ensure tires are inflated within the recommended limits posted on the tire sidewalls and hold air. Ensure tires 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 all wheel spokes are tight and not broken. 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.
3.Steering	Ensure the handlebar and stem are correctly adjusted, tightened, and allow proper steering. Perform a handlebar twist test (see assembly step 4) to ensure the stem clamp bolt security. Ensure the handlebar is set correctly in relation to the fork and the direction of travel.
4. Chain	Ensure the chain is clean, oiled, and runs smoothly. Extra care is required in wet, salty/otherwise corrosive, or dusty conditions.
5. 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.
6. Cranks and Pedals	Ensure pedals are securely tightened to the cranks. Ensure the cranks are securely tightened and are not bent.
7. 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.
8. 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 seatpost quick-release lever is securely tightened.
9. Motor Drive Assembly and Throttle	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, torque arm bolt, and torque washers are in place.
10. 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 50 °F – 77 °F (10 °C – 25 °C). Let bike dry completely before using again.
11. 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.
12. 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 rider is wearing a helmet and other required riding safety gear. Ensure mounting hardware is properly secured if fitted with a front rack, rear rack, basket, etc. Ensure the taillight and taillight power wire are properly secured if fitted with rear rack. Ensure the fender mounting hardware is properly secured if fitted with fenders. Ensure there are no cracks or holes in fenders. If installed, ensure the optional rear wheel lock is secured in the unlocked position and the key is removed before every ride.



Your cables, spokes, 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 of 50-100 mi (80-160 km) (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.



## Tire Inflation and Replacement

The Brawn employs 26"x4.0" rubber tires with inner tube. The tires are designed for durability and safety for regular cycling activities and need to be checked before each use for proper inflation and condition. Proper inflation, care, and timely replacement will help ensure that your bike's operational characteristics will be maintained, and unsafe conditions avoided.

It is recommended 20 PSI for Heybike's stock tires. Always stay within the manufacturer's recommended air pressure range as listed on the tire sidewall.



**It is critically important that proper air pressure is always maintained in pneumatic tires. Do not underinflate or overinflate your tires. Low pressure may result in loss of control, and overinflated tires may burst. Failure to always maintain the air pressure rating indicated on pneumatic tires may result in tire and/or wheel failure.**



**Inflate your tires from a regulated air source with an available pressure gauge. Inflating your tires from an unregulated air source could overinflate them, resulting in a burst tire.**

Even tires equipped with built-in, flat-preventative tire liners, like those that come with bikes from heybike, can and do get flats from punctures, pinches, impact, and other causes. When tire wear becomes evident or a flat tire is discovered, tires and/or tubes must be replaced before operating the bike or injury to operators and/or damage to your bike from heybike could occur.



**When changing a tire or tube, ensure that all air pressure has been removed from the inner tube prior to removing the tire from the rim. Failure to remove all air pressure from the inner tube could result in serious injury.**



**Using aftermarket tires or inner tubes, not provided by heybike may void your warranty, create an unsafe riding condition, or damage to your bike. If required by law, ensure replacement aftermarket tires have sufficient reflective sidewall striping.**

For more information on tire or tube replacement procedures, or questions about tire inflation, visit [heybike.com/pages/help-center](https://heybike.com/pages/help-center) or contact Heybike Support.

## Troubleshooting

	Symptoms	Possible Causes	Most Common Solutions
1	The bike does not work	1. Insufficient battery power 2. Faulty connections 3. Battery not fully seated in tray 4. Improper turn on sequence 5. Brakes are applied 6. Blown discharge fuse	1. Charge the battery 2. Clean and repair connectors 3. Install battery correctly 4. Turn on bike with proper sequence 5. Disengage brakes 6. Replace discharge fuse
2	Irregular acceleration and/or reduced top speed	1. Insufficient battery power 2. Loose or damaged throttle 3. Misaligned or damaged magnet ring	1. Charge or replace battery 2. Replace throttle 3. Align or replace magnet ring
3	The motor does not respond when the bike is powered on	1. Loose wiring 2. Loose or damaged throttle 3. Loose or damaged motor plug wire 4. Damaged motor	1. Repair and or reconnect 2. Tighten or replace 3. Secure or replace 4. Repair or replace
4	Reduced range	1. Low tire pressure 2. Low or faulty battery 3. Driving with too many hills, headwind, braking, and/or excessive load 4. Battery discharged for long period of time without regular charges, aged, damaged, or unbalanced 5. Brakes rubbing	1. Adjust tire pressure 2. Check connections or charge battery 3. Assist with pedals or adjust route 4. Balance the battery; contact tech support if range decline persists 5. Adjust the brakes
5	The battery will not charge	1. Charger not well connected 2. Charger damaged 3. Battery damaged 4. Wiring damaged 5. Blown charge fuse	1. Adjust the connections 2. Replace 3. Replace 4. Repair or replace 5. Replace charge fuse
6	Wheel or motor makes strange noises	1. Loose or damaged wheel spokes or rim 2. Loose or damaged motor wiring	1. Tighten, repair, or replace 2. Reconnect or replace motor.



# Specifications

ITEM	SPECIFICATIONS
Model	Brawn
Product Dimensions	75.2x24.6x44.9 (inch)
Package Dimensions	60.2x12.2x30.7 (inch)
Max Load	400 lbs (181.4 kg)
Package Weight	97 lbs (44 kg)
E Bike Weight	78.3 lbs (35.5kg)
Max Speed	28 mph (45km/h) The default speed limit is 20 mph
Battery/Charger	Input: 100-240V 50/60 HZ; Output 54.6V4A
Charging Time	4-5 hours
Battery Capacity	48V/18Ah (864 Wh)
Range	45-65 miles (Pedal assist) 35-45 miles (Pure electric)
Max Grade Ability	15 degress
Tire Size	26"*4.0"
Frame Material	Aluminium alloy
IP Level	IPX 4
APP	Yes

# FAQS

Q1: What if the e-bike arrived missing accessory or broken part?  
A1: Please take a photo and contact Heybike Support, then Heybike Support Team will reply you soon and send correct accessory or part replacement.

Q2. Will my bike arrive assembled?  
A2: Your bike will arrive mostly assembled. We' ll also provide the tools and a comprehensive assembly video for the rest part.

Q3. What can I do if something goes wrong with my e-bike during the warranty?  
A3: We believe that communication is the best way to solve the problem. Please contact us in time. To help you solve the problem as quickly as possible, please describe the problem in detail and provide photos/videos with your order ID.

# Error Code

Error Code	Describe	Scroll Tip
21	Current abnormal	ERR: Current
22	Turning handle abnormal	ERR: Throttle
23	Motor phase	ERR: Phase
24	Motor hall abnormal	ERR: Hall
25	Brake abnormal	ERR: Break
30	Communication failure (display failed to receive correct controller data)	ERR: Comm Rx



# Limited Warranty

## 30 DAYS SATISFACTION GUARANTEED RETURN POLICY

If you are unsatisfied with your purchase, Heybike's return policy allows you to return the product purchased on the authorization Channel within 30 days counting from the date of receipt of shipment, and request are fund from the authorization Channel.

Note: Express shipping cost is non-refundable.

To be eligible for a return, your item must be in the same condition that you received it, unworn, unused, and the bike must have less than ten (10) miles on the odometer, be free of any wear and tear, dirt, dust, fragrance, or any other signs of use and must include all items that were inside the box (charger, keys, hardware, etc.).

Over 30 days: Return is not acceptable; Accept exchange new product or partial refund

We will deduct the shipping fee or restocking \$200/per when we are making a refund for non-defective products and non-longer needed products.

For the return request, Heybike is not responsible for lost packages due to the carrier, or products received that can not be verified.

Received products that have damage determined to have been caused by the end-user maybe subject to denial of the return request.

## TO QUALIFY FORARE FUND, ALL THE FOLLOWING CONDITIONS MUST BE MET:

1. A Return Merchandise Authorization(RMA) must be requested from Heybike within 30 days from the date of receipt of shipment. To request an RMA, please contact Heybike Support.
2. The cost of return shipping will be paid by the customer.
3. For warranty service, please keep your receipt and/or invoice to validate proof of purchase.
4. Returned product must be in good physical condition(not physically broken or damaged).
5. All accessories originally included with your purchase must be included with your return.
6. If you return a product to Hey bike, (a) without an RMA from Heybike(b) without all parts included in the original package, Heybike retains the right to refuse delivery of such return.

## LIMITED PRODUCT WARRANTY

Heybike warrants the original purchaser that your Heybike product shall be free from defects inmaterials and workmanship under normal use for a period aforementioned.Heybike does not warrant the operation of the product will be uninterrupted or error-free.

- Only the original owner of an ebike purchased from Heybike online or physical storefront is covered by this Limited Warranty. The Warranty Period begins upon your receipt of the ebike and shall end immediately upon the earlier of the end of the Warranty Period or any sale or transfer of the ebike to another person, and under no circumstances shall the Limited Warranty apply to any subsequent owner or other transferee of the ebike.

- The Limited Warranty is expressly limited to the replacement of a defective lithium ion battery (the "Battery"), frame, forks, stem, handlebar, headset, seat post, saddle, brakes, lights, bottom bracket, crank set, pedals, rims, wheel hub, freewheel, cassette, derailleur, shifter, motor, throttle, controller, wiring harness, LCD display, kickstand, reflectors and hardware (each a "Covered Component").

- The Covered Components are warranted to be free of defects in materials and/or workmanship during the Warranty Period.

### Limited Warranty Does Not Cover:

- Normal wear and tear of any Covered Component.
- Consumables or normal wear and tear parts (including without limitation tires, tubes, brake pads, cables and housing, grips, chain and spokes).
- Any damage or defects to Covered Components resulting from failure to follow instructions in the ebike owner's manual, acts of God, accident, misuse, neglect, abuse, commercial use, alterations, modification, improper assembly, installation of parts or accessories not originally intended or compatible with the ebike as sold, operator error, water damage, extreme riding, stunt riding, or improper follow-up maintenance.
- For the avoidance of doubt, Heybike will not be liable and/or responsible for any damage, failure or loss caused by any unauthorized service or use of unauthorized parts.
- The Battery is not warranted from damage resulting from power surges, use of an improper charger, improper maintenance or other such misuse, normal wear or water damage.
- Any products sold by Heybike that is not an ebike

DETERMINING WHETHER DAMAGE OR DEFECT TO AN EBIKE OR COVERED COMPONENT IS PROTECTED BY THIS LIMITED WARRANTY SHALL BE IN THE SOLE DISCRETION OF HEYBIKE.



## Contact Us

Contact us if you experience issues relating to riding, maintenance and safety, or errors/faults with your HEYBIKE.

**HEYBIKE LTD**

 [www.heybike.com](http://www.heybike.com)

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