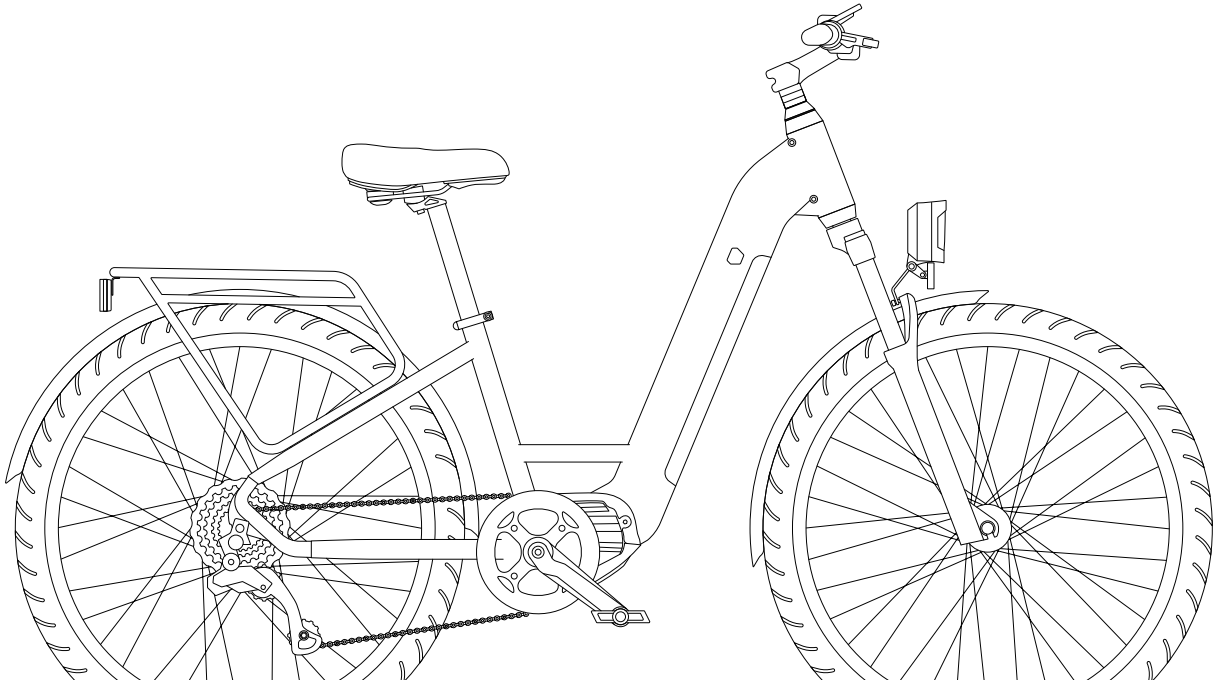
HIMIWAY

**RAMBLER** — Electric City Commuter Bike

# Guide & Manual



www.himiwaybike.com

## About Manual

This manual contains details of the product, information on its operation and maintenance, and other helpful tips for owners. Read it carefully and familiarize yourself with the Himiway Bike before using it to ensure safe use, reduce risk of damage and premature wear, and prevent accidents. Be sure to retain this manual as your convenient Himiway Bike information source.

**This manual contains many Warnings and Cautions concerning safe operation, and consequences if proper setup, operation and maintenance guidelines are not followed. All information in this manual should be carefully reviewed.**

The safety grade color of "**CAUTION**" is orange, and if not avoided, may result in moderate or serious injury.

The safety grade color of "**WARNING**" is red, and if not avoided will likely result in serious injury or death.

Users should also pay special attention to information marked in this manual beginning with "**NOTICE**"

Because it is impossible to anticipate every situation or condition which can occur while riding, this manual makes no representations about the safe use of our bicycles under all conditions. There are risks associated with the use of any bicycle which cannot be predicted or avoided, and which are the sole responsibility of the rider. You should keep this manual, along with any other documents that were included with your bicycle, for future reference, however all content in this manual is subject to change or withdrawal without notice. Visit www.himiwaybike.com to download the latest version. Assembly and first adjustment of your Himiway Bike requires special tools and skills, and it is recommended that this be performed by a trained bicycle mechanic if possible.

*The recommended minimum rider age is 16 and over, and the maximum rider age is 70 and under. Any rider who cannot sit comfortably on a e-bike should not attempt to ride it.



## Take down your serial numbers !

Go to page 9 to find your serial numbers

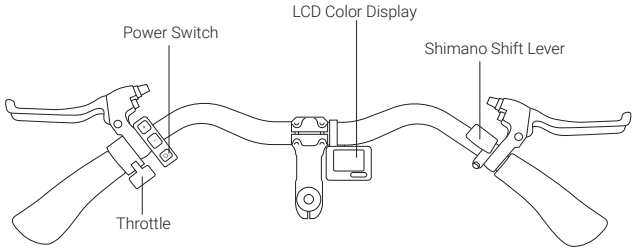
**Bike frame number**

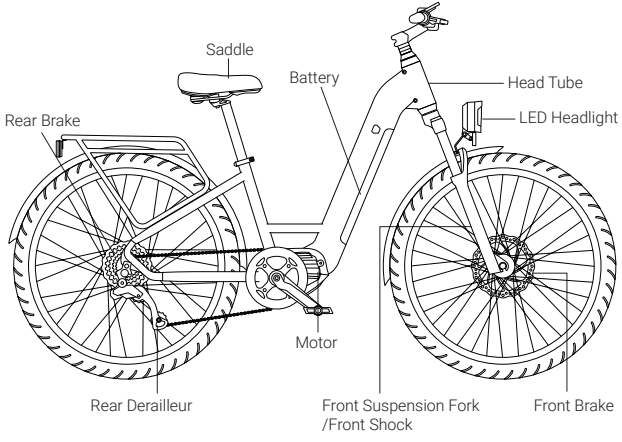
**Battery serial number**

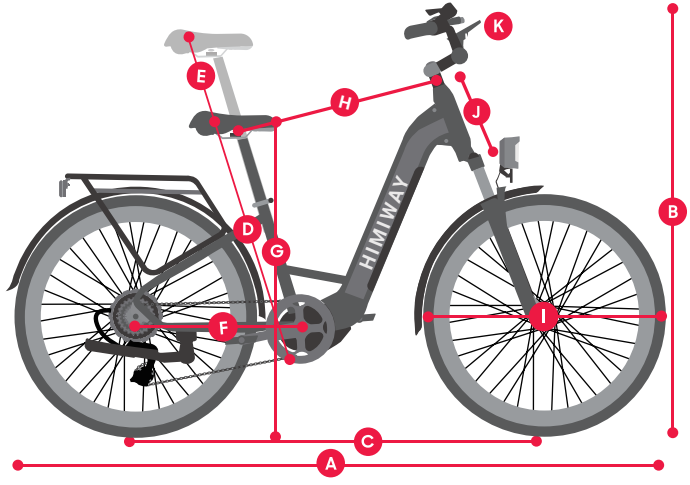
**Motor serial number**

If you reset a security passcode via Display Setting, we suggest you write it down here in case you may forget:

# Bike Specification




| | | | |
|---|---|---|---|
| A - Total Length | **74 Inch** | G - Standover Height | **19.2 Inch** |
| B - Handlebar Height | **43.7 Inch** | H - Top Tube Length | **22.2 Inch** |
| C - Wheelbase | **46.4 Inch** | I - Wheel Diameter | **28.1 Inch** |
| D - Min Seat Height | **31.7 Inch** | J - Head Tube Length | **7.1 Inch** |
| E - Max Seat Height | **39.2 Inch** | K - Handlebar Length | **27.6 Inch** |
| F - Chain Stay Length | **57.0 Inch** | | |

| | | | |
|---|---|---|---|
| **Battery** | 48V 15Ah LG lithium battery | **Charger** | US standard 3.0 A smart charger |
| **Range** | 40~55 miles | **Controller** | 48V/18A |
| **Motor** | 500w bafang mid drive motor | **Display** | LCD display with USB charging |
| **Total Payload Capacity** | 330 lb. | **Weight** | 61 lb. |
| **Recommended Rider Heights** | 5'2" ~ 6'4" | **Pedal Assist Intelligent** | 0~9 level pedal assist |
| **Tires** | 27.5"x2.4" tires | **Front Fork** | Alloy front suspension fork with lockout and adjustment |
| **Brake lever** | Aluminum alloy comfort grip levers with motor cutoff switch | **Throttle** | Thumb throttle |
| **Taillight** | Integrated Taillight | **Pedal** | Alloy pedal with reflectors |
| **Freewheel** | Shimano 9 speed gear shift system | **Bike Frame** | 6061 Aluminum frame |
| **Brake** | 180MM Mechanical/Hydraulic Disc Brakes | **Headlight** | 6~48V LED light |
| **Chain** | KMC chain | **Saddle** | JUSTEK saddle |
| **Stem** | Zoom | **Seatpost** | φ30.4*350mm |
| **Crankset** | 170mm forged alloy | **Kickstand** | Aluminum alloy + ABS |
| **Gearing** | Shimano- 13-32T BROWN/BK | **Spokes** | 12 gauge |

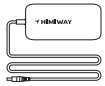
Check Wiring diagram & Color codes:
**https://himiwaybike.com ➠ HELP CENTER ➠ Tools and Instructions**

# Bike Assembly Guide

◆ Preparation Checklist

Headlight

Power cable



Transformer

Quick-release skewer

Pedals

Hex wrench

Extra tools needed: (1)10mm Wrench (2)15mm Wrench

**NOTICE:**

1. Please keep the original packaging for at least 15 days!
2. Before assembling your bike, it's recommended to remove the battery for the reasons outlined below:
   - Determine if there's battery drain or damage during shipping.
   - Reduce the weight of the ebike to make it easier to maneuver the bike while assembling.
   - Avoid battery damage during the assembly process.

Go to page 24 to learn about removing and charging the battery.

*Follow our Youtube channel Himiway Bikes to watch bike assembly tutorials!

# Recommended Torque Values

| Hardware Location | Recommended Torque(NM) |
|---|---|
| Handlebar | 12-18 |
| Stem | 12-18 |
| Saddle | 12-18 |
| Front Wheel(For bikes with bolts on front wheel) | 15-22 |
| Rear wheel | 30-38 |
| Bottom Bracket Parts | 30-50 |
| Pedals | 28-33 |
| Disk Mounting Bolts | 3-5 |
| Disk Caliper Mount | 6-8 |
| Crank Bolts | 32-36 |
| Rear Derailleur Cable Pinch | 3-5 |
| Front Derailleur Clamp | 3-6 |
| Saddle Post Clamp | 3-6 |

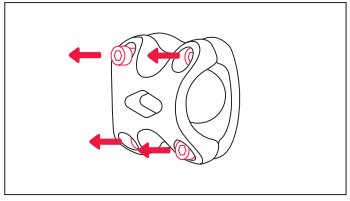
**NOTICE:** Using an impact driver to achieve the required torque is not recommended as it might cause damage. We suggest you use the wrench set we provided and extra tools to manually adjust nuts and bolts.

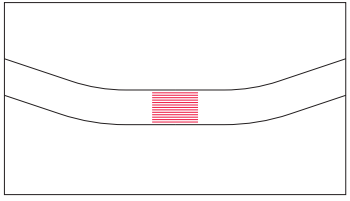
# Assembly Instructions

### ◆ Handlebar Installation(4mm Hex Wrench)

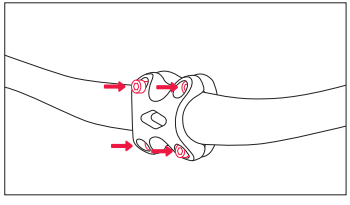
**Step 1:** Loosen the bolts on your bike stem.

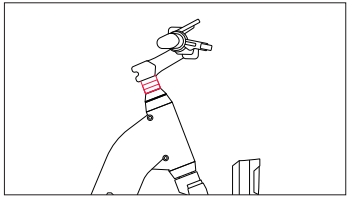
**Step 2:** Center your handlebars and rotate them to align to the marking pointed to in the below image.





**Step 3:** Tighten bolts to handlebar stem, but don't tighten completely as you may want to further adjust the angle later to align more precisely. Test the positioning, and adjust the handlebar to your preferred angle. After determining the best position, completely tighten all the bolts on the stem.





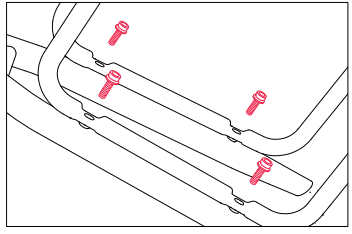
**NOTICE:** In addition to angle, the height of the handlebar can be adjusted by adding or removing the headset spacers if needed. For those without experience, we recommend having a professional make such adjustments for safety reasons.

### ◆ Rear Rack Installation (4mm Hex Wrench)

The rear rack comes loosely attached to the bike, but has not yet been fully secured.

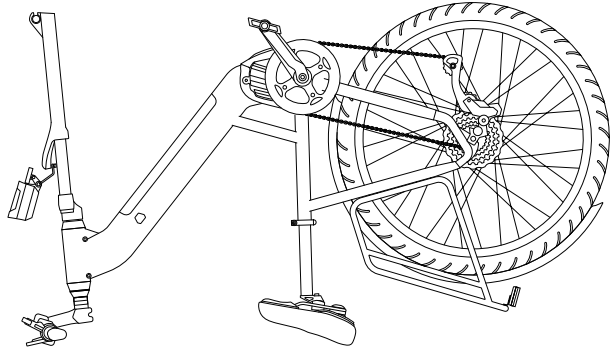
**Step 1:** Remove the bolts with washers located a couple inches behind the seat post.

**Step 2:** Place the rack down and adjust placement until the holes on the end are aligned, and screw the bolts back in. Make sure the washer is on top of the rack, rather than underneath, as shown in the below image.

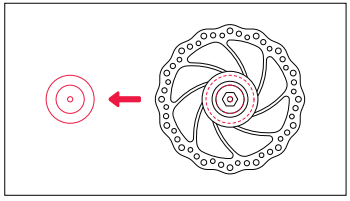


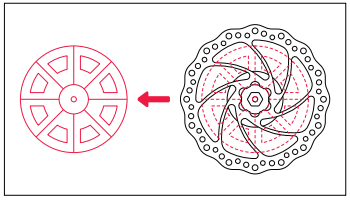
### ◆ Front Wheel Installation

**Step 1:** After tightening the rear rack, lay a mat down to protect both bike and floor from scratches. Next, carefully flip your bike upside down for the front wheel installation.

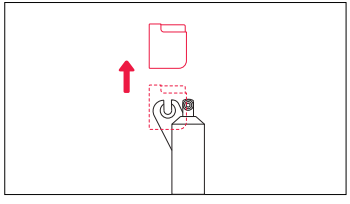


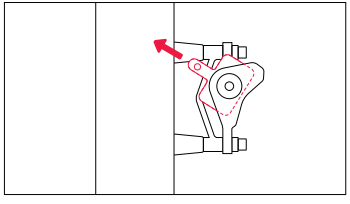
**Step 2:** Remove the plastic axle guards from the front wheel, being careful to avoid contact with the brake rotor set.



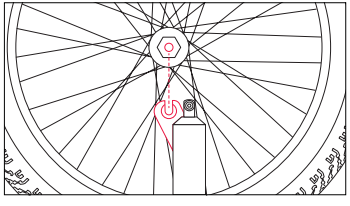


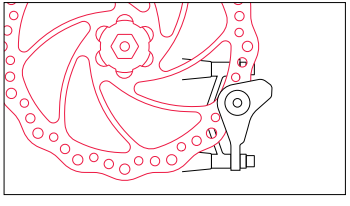
**Step 3:** Remove the front forks protection bar by manually pulling it straight up. Pull out the red pad, which is used to protect the hydraulic brake caliper.





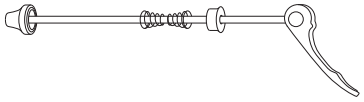
**Step 4:** Align the fork dropouts with the axle of the wheel hub, making sure the dropouts are fully seated on the axle. Also ensure the brake rotor is properly inserted into the caliper.



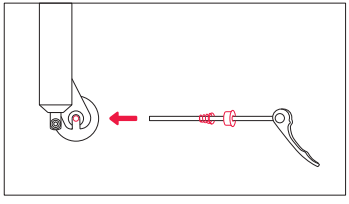


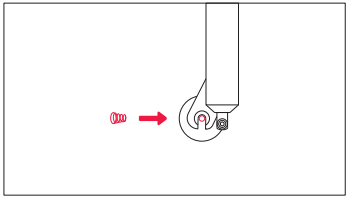
**WARNING:** Do not pull the brake lever without having either the red pad or the brake disc inserted, as this will damage the hydraulic brake caliper.

**Step 5:** Prepare your quick-release skewer for the next step by removing the thumb nut and one of the cone springs.

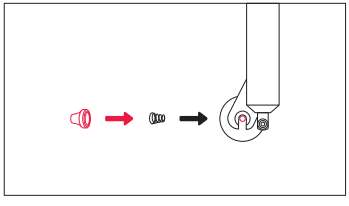


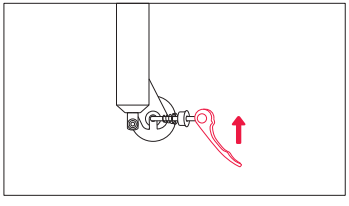
**Step 6:** Install the quick-release skewer starting from the brake rotor side of the wheel, inserting the quick-release skewer through the hub and then replacing the second cone spring on the other side. Ensure both springs are pointed narrow-side-in towards the wheel hub.





**Step 7:** Tighten the thumb nut until the quick-release lever is held in line with the axle, and then use your palm of your hand to close the quick-release lever.



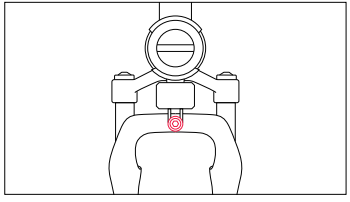


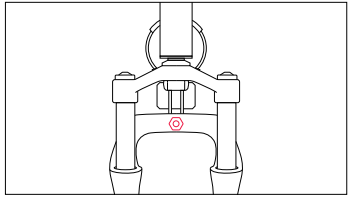
**Step 8:** Rotate the front wheel. Make sure to fully close the quick release skewer lever on the front wheel and check the wheel balance in Pedal Only Mode. If you notice the riding is imbalanced or the rotation of the front wheel makes noise, it means the bolts were not completely tightened or not aligned horizontally.

### ◆ Headlight & Front Fender Installation (Extra Tool: 10mm Wrench)

The headlight and front fender are both secured by a single bolt, so the front fender must be installed together with the headlight. If you prefer not to have a front fender, you may install the headlight by itself.

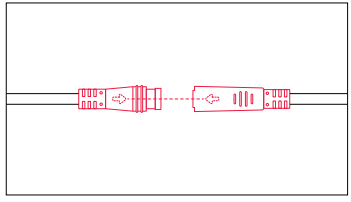
**Step 1:** Loosen the bolt on the fork brace. Align the bolt holes of both your headlight and the front fender together with the hole on the fork brace, then reinsert the bolt through all holes and tighten the bolt with a 10mm wrench and a hex wrench.

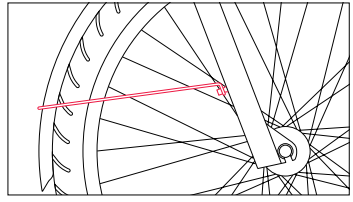




**Step 2:** Connect the light wire connectors together. Pay careful attention to the arrows on the wire connectors, making sure the arrows align with each other to avoid damaging the interior circuitry.

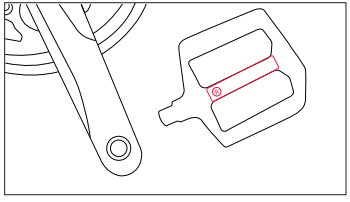
**Step 3:** Loosen the bolts on the two brackets on either side of the front fork, as shown in the image. Then pull one end of the fender brace until the loop at the end is centered in the bracket, reinsert the bolt through the loop at the end of the brace, and tighten completely. Repeat on the other side.

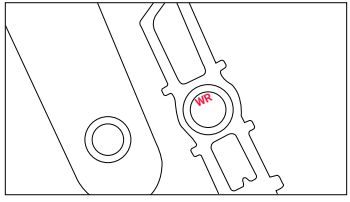




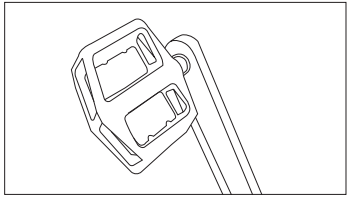
## ◆ Pedals Installation (15mm wrench)

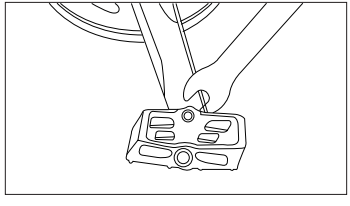
Make sure your pedals are installed on the correct side, as installing on the wrong side will damage the threads. Indicators for the right pedal (R) and the left pedal (L) can be found in two places: the stickers on the plastic cover, and the bottom of the pedal threads.






Before you install the pedals, apply a small amount of waterproof grease onto the spindle. Start threading the pedal on by hand to ensure the pedal is going in perfectly straight, rotating in the direction of the pointer shown on the crank. If it is not spinning smoothly, make doubly sure that you have the correct left or right pedal. After initial hand-tightening, finish tightening the pedals with a standard 15mm wrench .

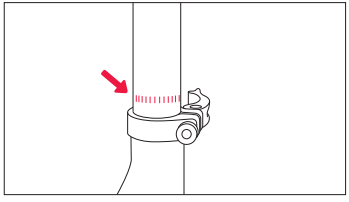


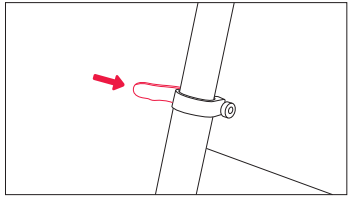


## ◆ Seat Adjustment

**Adjust the Seat Height:**

Open the seatpost quick release lever. Adjust the seatpost height by sliding the seatpost up or down to a height appropriate for your leg length and preferred riding position. Do not extend the seatpost beyond the minimum insertion marking etched onto the seatpost.



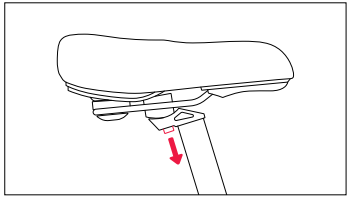


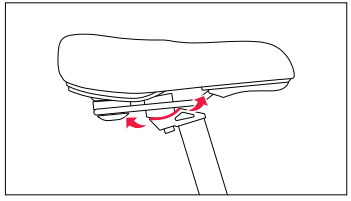
**WARNING:** Overextending the seatpost can cause it to break or come off your bike, putting you at very high risk of serious injury or death. Avoid this danger by inserting your seatpost into the seat tube far enough that the minimum insertion point is no longer visible.

**Adjust the Seat Angle:**

**Step 1:** Loosen the seat adjustment bolt beneath the seat. Move the seat backward or forward and tilt to adjust the angle within the limit markings etched on the seat rail. Do not exceed the limit markings, to ensure the safety of yourself and the bike.

**Step 2:** Tighten the seat adjustment bolt. Ensure the top and bottom of the seat rail clamp are aligned, so that the seat adjustment bolt will clamp the seat rails together properly.

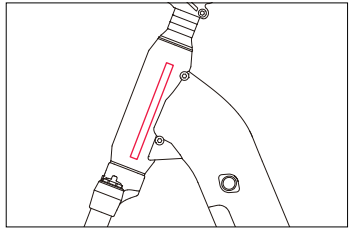




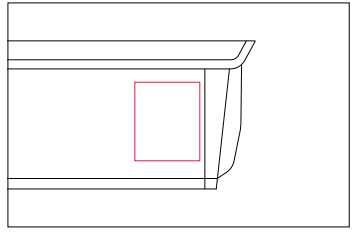
**NOTICE:** The seat angle has been preadjusted to factory safety standards. Please make note of original settings, and only adjust if necessary.

## ◆ After Bike Assembly

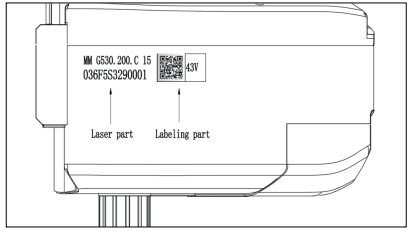
Please write down the serial numbers found on the head tube, battery and motor on the inside front cover of this manual to facilitate failure reporting. Make sure each letter and number is correct.



Bike frame number



Battery serial number




Motor serial number

**NOTICE:**

1. Before using your bicycle, find out about all relevant requirements and regulations that apply in your country or state. There may be restrictions on riding on public roads, bike lanes or trails. There may also be requirements for helmets, age restrictions, driver's license requirements or bicycle light regulations.
2. When installing an accessory on your bike, such as a cargo trailer or child trailer, make sure the accessory is compatible and follow the manufacturer's and retailer's instructions.

## Safety Checklist

| Safety Check | Basic Steps |
|---|---|
| Brakes | o Test front and rear brakes for proper function.<br>o Ensure brake pads are not overworn and are correctly positioned in relation to rims.<br>o Make sure brake control cables are lubricated, correctly adjusted and display no obvious wear.<br>o Check that brake control levers are lubricated and tightly secured to handlebars. |
| Wheels and Tires | o Inflate tires to within recommended limits displayed on sidewalls.<br>o Check for bulges or signs of excessive wear.<br>o Clean tires to ensure tread is exposed.<br>o Ensure rims run true and have no obvious wobbles or kinks.<br>o Check that all wheel spokes are tight and not broken.<br>o Check the wheel balance in Pedal Only Mode. If you notice the riding is imbalanced or the rotation of the front wheel makes noise, it means the bolts were not completely tightened or not aligned horizontally. |
| Chain | o Check that chain is oiled, clean and runs smoothly.<br>o Use extra care in wet or dusty conditions. |
| Cranks and Pedals | o Securely tighten pedals to cranks.<br>o Ensure cranks are securely tightened and are not bent. |
| Derailleurs | o Check that derailleur(s) are adjusted and functioning properly.<br>o Ensure shift and brake levers are attached to handlebar securely.<br>o Check all brake and shift cables for proper lubrication. |
| Motor Drive | o Ensure hub motor is spinning smoothly and motor bearings are in good working order.<br>o Check that all power cables running to hub motor are secured and undamaged.<br>o Make sure hub motor axle bolts are secured and all torque arms and torque washers are in place. |
| Battery Pack | o Ensure battery is charged before use.<br>o Check for any visible damage to battery pack.<br>o Lock battery securely to frame. |

# Safety Precautions

The following safety notes provide additional information on the safe operation of your Himiway bike and should be closely reviewed. Improper operation, or failure to confirm correct installation, compatibility, and maintenance of any component or accessory may result in serious injury or death.

### ◆ Before Riding

- All users must read and understand this manual before first use. Additional manuals for components used on your bicycle may be provided and should also be read before use.
- Ensure you understand all instructions and safety notes/warnings.
- Follow the safety checklist on page 10 before first use and at regular intervals to ensure correct tightening and setup of your bicycle.
- Ensure the bike fits you properly before first use. Check local rules and regulations before riding.
- It is your responsibility to familiarize yourself with the laws and requirements of operation of this product in the area(s) where you ride.
- Pads should be replaced if its friction componements become contaminated or have less than 1mm thickness or total thickness.

◆ **While Riding**

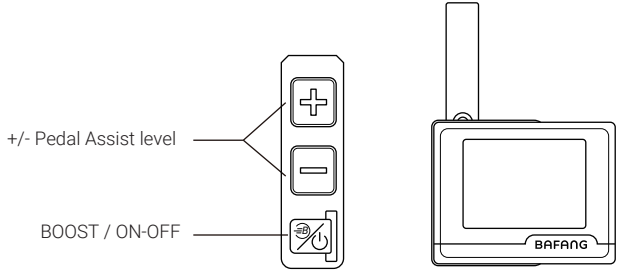
- Always wear an approved bicycle helmet whenever using this product and ensure that all helmet manufacturer instructions are used for fit and care of your helmet. Failure to wear a helmet when riding may result in serious injury or death.
- Acceleration can be unexpectedly strong in pedal assist mode (Pedal Assist level 1-5), as when you pedal the motor assist will suddenly engage. Therefore, please pay careful attention when riding. We suggest you use Pedal Only Mode (Pedal Assist level 0) when you need to ride at a slow speed to cross roads, at intersections, or when pedestrian traffic is present, in order to avoid accidents caused by sudden acceleration.
- Make sure you securely close the quick-release lever of the front wheel, checking the wheel balance in Pedal Only Mode. If you notice the riding feels imbalanced, or the rotation of the front wheel makes noise, it likely means the bolts were not completely tightened or didn't align horizontally in the center.
- Off-road riding requires close attention and specific skills, and presents variable conditions and hazards which accompany the conditions.
- Wear appropriate safety gear and do not ride alone in remote areas.
- Shift gears regularly to stay in a optimal cadence range and downshift before coming to a stop. Reduce pedal force before initiating a gear shift to reduce drivetrain wear.
- Always turn the light up while riding at the night and always check all reflectors fixed well on the bicycle.

# Himiway E-Bike Use and Care

The following table of contents provides general guidance on Himiway e-bike variable power assist settings and their effects on both range and performance. This content will apply broadly to most riders, but multiple factors will affect individual results including rider fitness and weight, terrain, proper maintenance, etc. While Himiway hopes and believes you will thoroughly enjoy your e-bike, no guarantees of universal performance characteristics for all owners can be given.

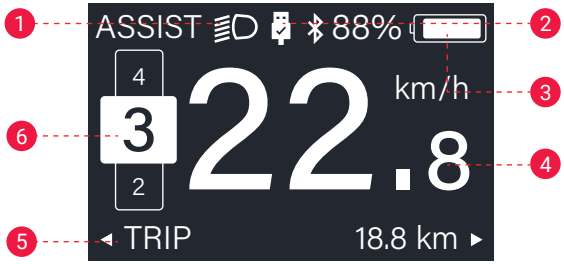
# Basic Display Settings

◆ **Button Definition**




*Go look on our website:
**https://himiwaybike.com ➠ Help Center ➠ Tools and Instructions**
*For video tutorial, search **Display Settings** on Himiway YouTube Channel.

## ◆ Display Information




| | |
|---|---|
| 1 | Headlight indication: Indicate the working status of headlight. |
| 2 | USB connection indication: Indicate the status of USB connection to peripheral device. |
| 3 | Battery capacity indication: Indicate the current remaining capacity. |
| 4 | Real-time speed indication: To indicate the real-time speed. |
| 5 | Multiple data indication: To indicate single (TRIP), Total range (ODO),max speed (MAX), average peed (AVG),remaining distance(RANGE), output power(POWER), energy consumption(Cal), ridingtime(TIME); (Notice: Calory data will onlycome out when the display recognize the sensor as torque sensor or the signal oftorque in 10s after switch on;Remainingdistance will only come out when the displayget the data of range.) |
| 6 | Assistance level indication:To indicate the current support level, this display has 0/1/2/3/4/5 mode, the chosen level will be indicated in amplifying and reverse color Arabic number; No chosen level indication means level 0, no power assistance, means push assistance mode. |

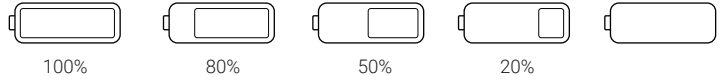
## ◆ NORMAL OPERATION

### 1. Switching the System ON/OFF

Press and hold " ⏻ " (>2S) on the display to turn on the system.
Press and hold " ⏻ "(>2S) again to turn off the system.

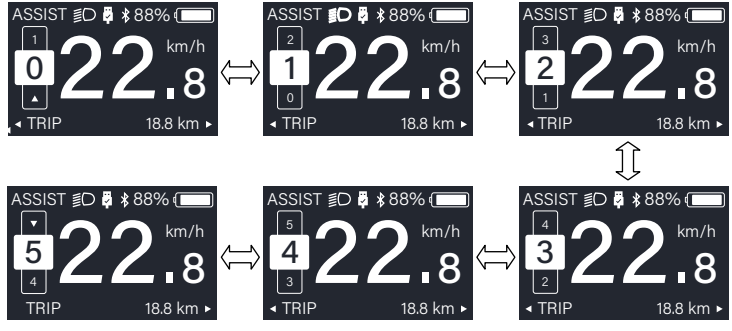
### 2. Battery capacity indication:

The battery remaining capacity will be indicated as the exact percentage, in addition, the frame of the symbol will flash at 1Hz when capacity is less than 5%, means the battery needs to be charged.




### 3. Selection of Support Levels

When the display is turned on, press the " + " or " − " (<0.5S) button to switch to the support level, the lowest level is 0, the highest level is 5. When the system is switched on, the support level starts in level 1. There is no support at level 0.



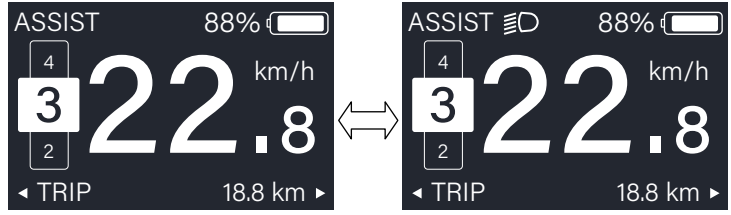
## 4. Selection Mode

Briefly press the " " (0.5s) button to see the different trip modes.
Trip: daily kilometers (TRIP) - total kilometers (ODO) - Maximum speed (MAX) - Average speed (AVG) - Range (RANGE) - Energy consumption (CALORIES(only with torque sensor fitted)) - Travel time (TIME).


0%

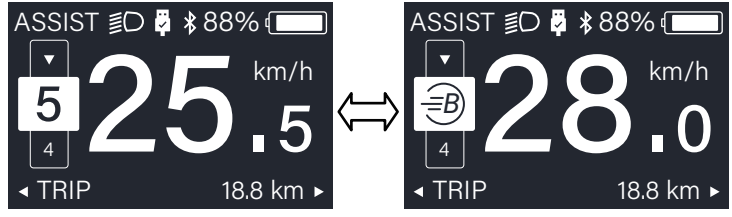
## 5. Headlights / backlighting

Press and hold " + " to turn on the display backlight as well as headlight, this moment you will see the symbol of headlight in the screen; On the contrary, press and hold " + " again to turn off the display backlight and the headlight (If the display is turned on in a dark environment.the display backlight/ headlight are turned off manually, they also need to be turned on manually afterwards).



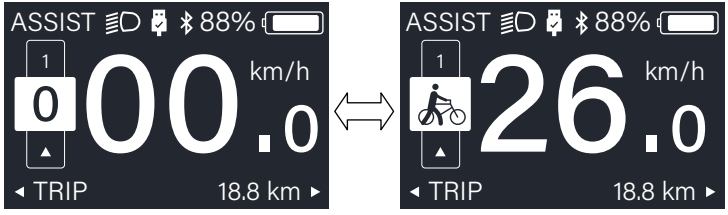

## 6. BOOST Modus

While riding and speed reaching to 25km/h, press and hold " " button with 2 seconds to activate, then motor will give 100% output power and flowing without pedaling, it feels more like a constant strong push in the back; On the contrary, release the button and exit from BOOST mode.



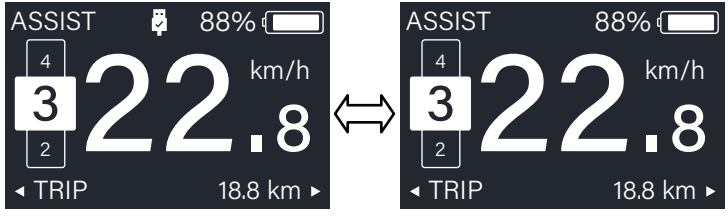
### 7. Walk Assistance

The Walk assistance can only be activated with a standing pedelec.
Activation: Press the " − " button until this symbol appears. Next hold down " − " the button whilst the symbol is displayed. Now the Walk assistance will activate.
The symbol will flashes and the pedelec moves approx. 6 km/h.
After releasing " − " the button, the motor stops automatically and switches back to level 0.




### 8. USB Charging

Plug the USB cable to display and smart peripheral devices to charge,but the display must be switched on.(≤5V, ≤1A).




### ◆ Preference setting

Press and hold " + " & " − " button synchronously to enter into Display Setting interface, and briefly press " + " or " − " to switch to from "Setting" to "EXIT" and then briefly press " ⏻ " button to confirm the operation.

- Display Setting
- Information
- Exit

- Unit
- Auto Off
- Brightness
- Power View
- AI Sensitivity
- Trip Reset
- Vibration
- Back

- Wheel
- Speed Limit
- Battery Info
- Error Code
- Back

### 1. "Unit"-unit switch between imperial and metric

Briefly press " + " or " − " to go to "UNIT", and then briefly press " ⏻ " to switch between "Metric"/ "Imperial", then briefly press "ON/OFF" to confirm selection and save the setting and exit back to the "UNIT".
Press and hold " + " and " − " synchronously to save and exit back to the main interface,or you can also select "BACK" → "EXIT" to exit back to the main interface.

Unit

Metric

Unit

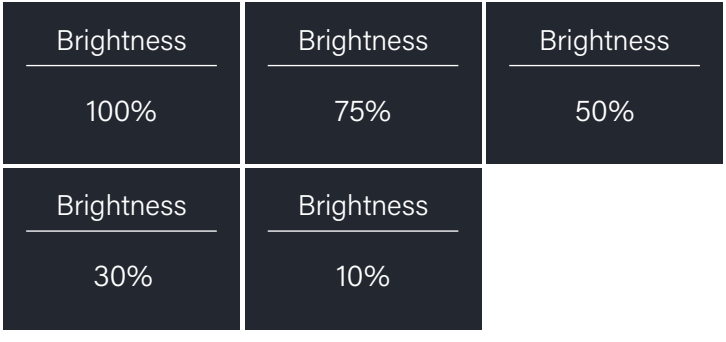
Imperial

### 2. Auto Off

Briefly press " + " or " − " to go to "Auto Off", and then briefly press " ⏻ " to select among "OFF"/"9"/"8"/"7"/"6"/"5"/"4"/"3"/" 2"/"1"ten levels, then briefly press " ⏻ " to confirm selection and save the setting and exit back to the "Auto Off". Press and hold " + " and " − " synchronously to save and exit back to the main interface, or you can also select "BACK" → "EXIT" to exit back to the main interface.
Notice: "OFF" means this function is off, the unit is minute.


### 3. Brightness setting

Briefly press " + " or " − " to go to "Brightness", and then briefly press " ⏻ " to select am ong"100%"/"75%"/"50%"/"30%"/"10%" five levels, then briefly press " ⏻ " to confirm selection and save the setting and exit back to the "**Brightness**".
Press and hold " + " and " − " synchronously to save and exit back to the main interface, or you can also select "BACK" → "EXIT" to exit back to the main interface.
Notice: "10%" is the weakest brightness and 100%" is the strongest brightness.




### 4. Indication switch of output with current or power

Briefly press " + " or " − " to go to "Power View", and then briefly press " ⏻ ", then briefly press " + " or " − " to switch between Power and Current, then briefly press " ⏻ " to confirm selection and save the setting and exit back to the "Power View".
Press and hold " + " and " − " synchronously to save and exit back to the main nterface,or you can also select "BACK" → "EXIT"to exit back to the main interface.

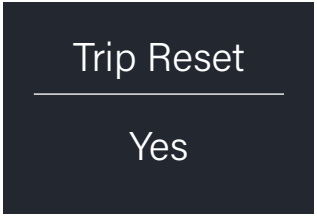

### 5. Light sensitivity setting

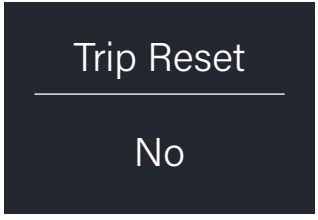
Briefly press " + " or " − " to go to "Sensitivity", and then briefly press " ⏻ " to select among"0"/ "1"/"2"/"3"/"4"/"5" five levels, then briefly press " ⏻ " to confirm selection and save the setting and exit back to the "Sensitivity". Press and hold " + " and " − " synchronously to save and exit back to the main interface, or you can also select "BACK" → "EXIT" to exit back to the main interface.
Notice: "0" means light sensor is off. Level 1 is the weakest sensitivity and level 5 is the strongest sensitivity.

### 6. Trip reset - to clear the single trip distance

Briefly press " + " or " − " to go to "TRIP Reset", and then briefly press " ⏻ " to switch between NO"/"YES" ("YES"- to clear, "NO"- no operation), then briefly press " ⏻ " to confirm selection; After confirmation, briefly press " ⏻ " again to save the setting and exit back to the "TRIP Reset". Press and hold " + " and " − " synchronously to save and exit back to the main interface, or you can also select "BACK" → "EXIT"to exit back to the main interface.

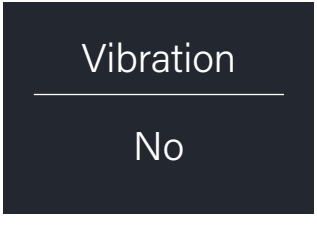
Notice: The riding time(TIME), average speed (AVG) and maximum speed (MAXS) will be reset simultaneously when you reset TRIP.

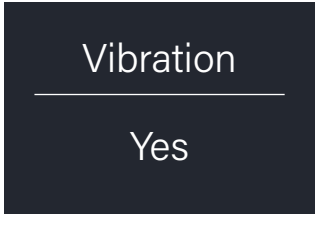



### 7. Vibration setting

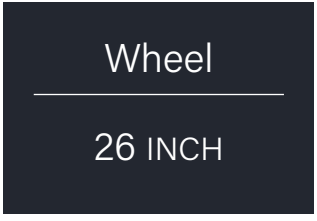
Briefly press " + " or " − " to go to "Vibration", and then briefly press " ⏻ " to select between ON and OFF (ON means vibration button is on; OFF means vibration button is off), then briefly press " ⏻ " to confirm selection and save the setting and exit back to the"Vibration". Press and hold " + " and " − " synchronously to save and exit back to the main interface, or you can also select "BACK" → "EXIT" to exit back to the main interface.



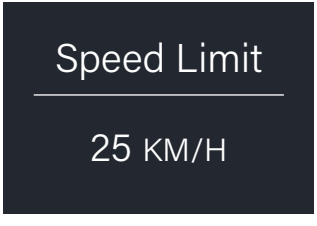

### 8. Wheel size review

After entering into "Information" menu, then briefly press " + " or " − " to go to " Wheel Size", and then briefly press " ⏻ " to review the wheel size default, then briefly press " ⏻ " to exit back to the "Wheel Size". Press and hold " + " and " − " synchronously to exit back to the main interface, or you can also select "BACK" → "EXIT" to exit back to the main interface.



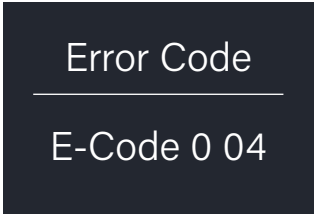

### 9. Speed limit review

After entering into "Information" menu, then briefly press " + " or " − " to go to " Speed Limit", and then briefly press " ⏻ " to review the speed limit default, hen briefly press " ⏻ " to exit back to the "Speed Limit". Press and hold " + " and " − " synchronously to exit back to the main interface, or you can also select "BACK" → "EXIT"to exit back to the main interface.



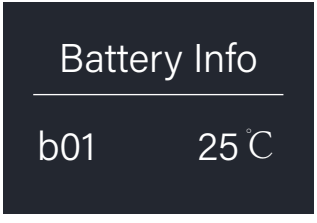
### 10. Check record of error code

After entering into "Information" menu, then briefly press " + " or " − " to go to " Error Code", and then briefly press " ⏻ " to review the last ten error codes record from "E-Code0" to "E-Code9", then briefly press " ⏻ " to exit back to the "Information".
Press and hold " + " and " − " synchronously to save and exit back to the main interface.




### 11. Battery data review

After entering into "Information" menu, then briefly press " + " or " − " to go to "Battery Info.", and then briefly press " ⏻ " to enter, then briefly press " + " to review the battery data from b01 → b04 → b06 → b07 → b08 → b09 → b10 → b11 → b12 → b13 → d00 → d01 → d02 → ... → dn, then briefly press " ⏻ " to exit back to the "Battery Info.".
Press and hold " + " and " − " synchronously to save and exit back to the main interface, or you can also select "BACK" → "EXIT" to exit back to the main interface.
Notice: If the the battery is not a smart battery, you won't see any data from battery.




| Code | Code definition | unit |
|---|---|---|
| b01 | Current temperature | ℃ |
| b04 | Total voltage | V |
| b06 | Average current | A |
| b07 | Remaining capacity | Ah |
| b08 | Full charge capacity | Ah |
| b09 | Relative SOC | % |
| b10 | Absolute SOC | % |
| b11 | Cycle | times |
| b12 | Maximum not charging time | Hour |
| b13 | Recently not charging time | Hour |
| d00 | Cell quantity | |
| d01 | Voltage of cell 1 | V |
| d02 | Voltage of cell 2 | V |
| ... | ... | V |
| dn | Voltage of cell n | V |

## 6. Error Code

| Error | Declaration | Troubleshooting |
|---|---|---|
| 04 | Brakes enabled | Check whether a brake cable is stuck. |
| 07 | Overvoltage protection | 1. Remove and re-insert the battery to see if it resolves the problem.<br>2. Using the BESST tool update the controller.<br>3. Change the battery to resolve the problem. |
| 08 | Error with the hall sensor signal inside the motor | 1. Check all connectors from the motor are correctly connected.<br>2. If the problem still occurs, please change the motor. |
| 10 | The temperature inside the en gine has reached its maximum protection value | 1. Turn off the system and allow the Pedelec to cool down.<br>2. If the problem still occurs, please change the motor. |
| 12 | Error with the current sensor in the controller | Please change the controller or contact your supplier. |
| 13 | Error with the temperature sensor inside of the battery | 1. Check all connectors from the battery are correctly connected to the motor.<br>2. If the problem still occurs, please change the Battery |
| 21 | Speed sensor Error | 1. Restart the system<br>2. Check that the magnet attached to the spoke is aligned with the speed sensor and that the distance is between 10 mm and 20 mm.<br>3. Check that the speed sensor connector is connect ed correctly.<br>4. Connect the pedelec to BESST, to see if there is a signal from the speed sensor.<br>5. Using the BESST Tool- update the controller to see if it resolves the problem.<br>6. Change the speed sensor to see if this eliminates the problem. If the problem still occurs, please change the controller or contact your supplier. |
| 22 | BMS communication fault | Bring your Pedelec to your dealer or to a specialist to have the error fixed. |
| 25 | Torque signal Error | 1. Check that all connections are connected correctly.<br>2. Please connect the pedelec to the BESST system to see if torque can be read by the BESST tool.<br>3. Using the BESST Tool update the controller to see if it resolves the problem, if not please change the torque sensor or contact your supplier. |
| 26 | Speed signal of the torque sensor has an error | 1. Check that all connections are connected correctly.<br>2. Please connect the pedelec to the BESST system to see if speed signal can be read by the BESST tool.<br>3. Change the Display to see if the problem is solved.<br>4. Using the BESST Tool update the controller to see if it resolves the problem, if not please change the torque sensor or contact your supplier. |
| 30 | Communication problem | 1. Check all connections on the pedelec are correctly connected.<br>2. Using the BESST Tool run a diagnostics test, to see if it can pinpoint the problem.<br>3. Change the display to see if the problem is solved.<br>4. Change the EB-BUS cable to see if it resolves the problem.<br>5. Using the BESST tool, re-update the controller software. If the problem still occurs please change the controller or contact your supplier |

**NOTICE: NOTICE:** Error Code 10 will probably appear on the dispaly when the e-bike is climbling for a long time. This indicates that the motor temperature has reached the protection value, in which case the user needs to stop the e-bike for a rest. If the user continues to run the e-bike, the motor will automatically cut off the power.

# Battery Charging

### ◆ Charging Procedure for On-bike Charging

**Step 1:** Check the battery power indicator on your display.

**Step 2:** Assemble the charger as shown in Figure 1 by inserting the plug (Plug 1) into the transformer.

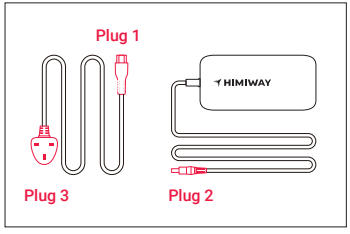



Figure 1

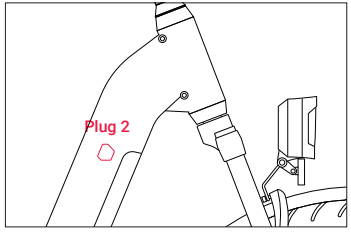



Figure 2

**Step 3:** Remove the rubber cover on the charging socket and insert the DC plug (Plug 2) of the charger into the battery charging socket (fig. 2).

**Step 4:** Connect the power plug (110V-240V plug) to the power socket.

**NOTICE:** This order helps extend the battery life and effectively reduces battery damage caused by improper charging.

**NOTICE:** Make sure the waterproof plug of the charging port is closed before riding.
Do not ride the bike with the key inserted.

### ◆ Charging Procedure for Off-bike Charging

**Step 1:** Find the keys located on the handlebar (fig. 3) and remove them. If you cut them from the handlebars, be careful not to damage any of the wires.

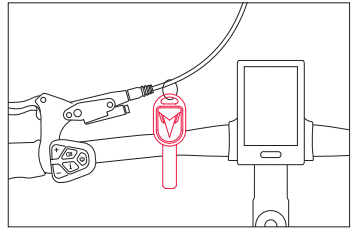


Figure 3

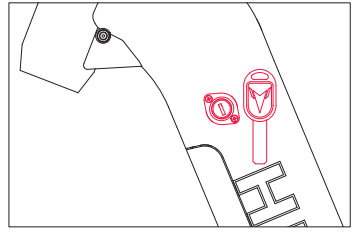


Figure 4

**NOTICE:** Please keep your key and its spare in a safe place. Once lost, they are difficult to copy. The key number correlates to the number on the keyhole (fig. 4). If you have lost the keys, you can give us the key number to get new keys.

**Step 2:** Use the key to unlock the battery (see Fig. 5). Insert the key into the battery lock hole and turn the key clockwise ( about 170°) until you hear a click and the battery pops out. Continue to turn the key until you hear another click, which means the battery is fully released and can be taken out.
To remove the key, turn it counterclockwise back to its original position before you
remove the key.
To install the battery, insert the key and turn it clockwise until you hear a click.
Align the bottom groove of the battery with the protrusion of the lower holder assembly.
Continue to press the upper end.
Until you hear a click, indicating that the battery is fully installed.
To remove the key, turn it counterclockwise back to its original position before you remove the key.
Remember to always turn the key back to its original position before removing it.

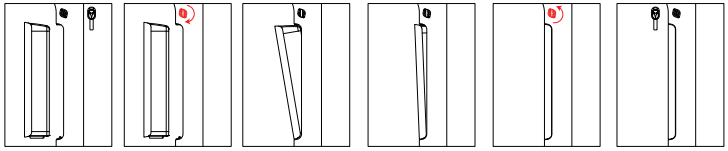


Figure 5

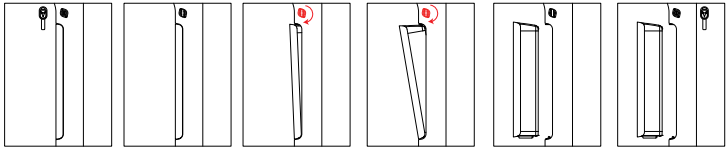


Figure 6

**Step 3:** Check the battery status (fig. 8):

| Light Status | Charging Status |
|---|---|
| Red （on charger） | Charging |
| Green（on charger） | Fully charged |

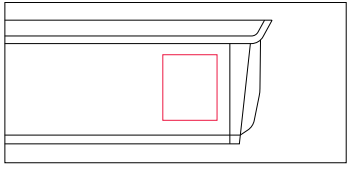


Figure 7

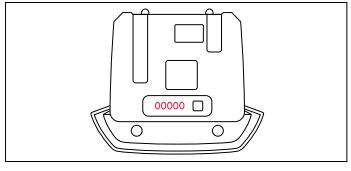



Figure 8

**NOTICE:**
1. There are 5 bars on the battery power indicator. Each bar contains 20% battery.
2. Please write down the serial number found on the battery beneath the barcode (fig.7) on the inside front cover of this manual to facilitate failure reporting. Products that have the serial number and/or barcode removed, defaced, damaged, altered, or made illegible will not be covered by the warranty.

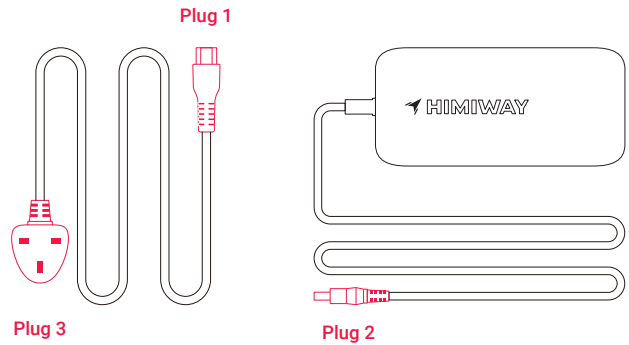
**NOTICE:** Hold the battery while doing the operation, and prevent dropping it during installation and handling.

**Step 4:** Safest way to charge your battery-

First, assemble the charger by inserting the plug (Plug 1) into the transformer. Then insert the DC plug (Plug 2) into the battery charging socket.
Last, insert the power plug (Plug 3: 110V-240V plug) to the power socket. This order helps extend the battery life and effectively reduces battery damage caused by improper charging.

The charger works on 110V-240V 60 Hz standard home AC power outlets. Do not open the charger to select voltage input as the charger can automatically detect and account for incoming voltage.

| Project | Unit | Minimum | Max |
|---|---|---|---|
| Battery Input Voltage | V | 28 | 55 |
| Standby current | mA | | 0.1 |



### ◆ After Charging

1. Please unplug the main power supply first by removing the plug from the power socket, then remove the DC port from the battery. You can then check the battery status on the display screen
2. Hold the battery with one hand and turn the release switch with the other hand to install the battery. Lock the battery when finished to prevent theft.

**NOTICE:**
If your battery displays abnormal charging behavior, such as:
- Longer-than-expected charge time
- Strange smell, smoke, or liquid emanating from battery and/or charger
- Overheating battery and/or charger

Please stop charging and contact Himiway Bike immediately.

### ◆ Charging Tips

- The battery can be recharged on or off the bike.
- A new battery may take longer to be fully charged when depleted.
- The charger will automatically stop charging once the battery pack is fully charged.
- You can recharge the battery after short rides as it does not have a memory effect.

### ◆ Precautions

- While charging, please keep your battery away from direct sunlight, liquid, dirt or debris, and metal objects. Do not allow the battery to be charged in environments under 14° Fahrenheit (-10° Celsius) and over 104° Fahrenheit (40° Celsius).
- Do not cover the charger when charging.
- Keep the battery away from children while charging.
- Make sure to only use an approved Himiway Bike charger purchased directly from Himiway Bike for your specific bike serial number.

### ◆ Before Riding

Ensure that the battery has been properly secured to the bike before each use by grasping the battery pack and pulling upwards, testing the security of the pack.

### ◆ Battery Maintenance (48V 15AH LG Lithium Battery)

- Do not fully drain your battery. Turn off the power when the battery charge is low.
- Fully charge the battery after each use, no matter how much power is used. This will prolong the battery life. If battery power is not used for a long time, store the battery with a full charge and charge it once a month.
- The Himiway Bike can be safely ridden in light rain. However, riding through very heavy downpours or through flooded streets is not recommended, as the crank and/or motor can get wet, which may cause damage.
- Keep the battery away from open flame and other high-temperature heat sources. Do not expose the battery to direct sunlight or recharge immediately after use in high-temperature weather.

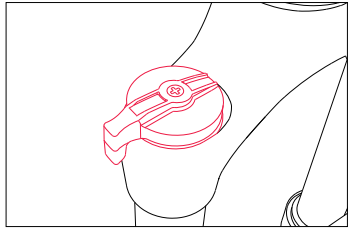
**NOTICE:** It is not recommended to make any modifications to the battery or the motor. If the battery is tampered with, and there are any problems with the altered battery or motor, it will not be covered under Himiway's warranty.

### ◆ Charger Care information

Please refer to the instruction manual in the charger box.

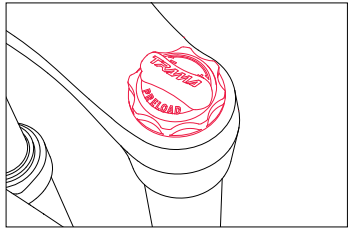
## Adjustment of the front fork

1. Turn the adjustment knob counterclockwise to decrease compression damping and increase compression speed.
2. Turn the adjustment knob clockwise to decrease compression damping until the suspension locks up.



### ◆ Adjust front forks with preload

Turn the preload adjustment knob counterclockwise until it will not turn. This is the minimum preload value in the spring, or the softest setting.




## Riding Modes

### ◆ Pedal-assist

Pedal-Assist is an operating mode on e-bikes designed to engage the motor to assist, but not replace, your own pedaling effort. When you are operating your bike in the pedal assist mode, you can adjust the setting according to your personal preference. Himiway Rambler (Premuim) has nine levels pedal assist settings - ranging from 1 to 9. Moreover, lower settings can extend usable range for longer rides, maximizing enjoyment while minimizing physical stress and fatigue.

### ◆ Throttle-only

The throttle mode is similar to how a motorcycle or scooter operates, alleviating the need to pedal or providing an additional boost simply by twisting the throttle. Himiway Rambler can reach speeds of up to 25 miles/h with throttle mode, which not only allows you to travel faster, but also reassures riders with extra power whenever needed, depending on traffic conditions and rider energy levels. If you are an adventurer who chases after speed and distance without compromising comfort or safety, the throttle-assisted Himiway would be your perfect companion.

### ◆ Pedal-only

In this mode, the Himiway will perform like a normal bike, as you'll be riding without any assistance from the motor. This mode is especially useful if you run out of battery, or are looking for more intensive resistance training.
We suggest that you select a lower assistance level when you first ride your Himiway Bike. After becoming more comfortable with the riding characteristics of our e-bike, and more familiar with the varying range requirements of your most common destinations and commuting routes, you can then make any needed adjustments to pedal assist settings, as well as throttle use frequency, riding position, etc.

**NOTICE:** Shift gears regularly for optimal cadence and downshift before stopping the bike. Before shifting gears, reduce the force of your pedal strokes to avoid premature wear.

## Riding Limitations

Following are some limitations needing riders' careful attention to ensure the hub motor does not overheat or become damaged from excessive loading:

- Do not attempt to ride up hills steeper than 15% grade.
- Use the pedals to assist the motor when climbing hills and accelerating from a stop.
- Avoid sudden starts and stops.
- Generally accelerate at a moderate pace, rather than aggressively.

## Parking & Transport

Follow these basic parking, storage, and transport tips to ensure your bike is well cared for, both on and off the road:

- When walking with the bike, turn off the power to avoid accidental acceleration, or use Walk Mode (page 14 ).
- Though our bikes are water resistant (IPX4 Water Resistance), please do not park your bike outdoors in cold or inclement weather for extended periods.
- When parking, switch the power and any lights off to conserve battery, remove the key from the bike, and ensure the battery is secured and locked to the frame.
- In public places, help keep your Himiway Bike safe and secure from theft by always locking it up.
- Make sure to not park, store or transport your Himiway Bike on a rack that is not designed for the size and weight of the bike. When storing or carrying your bike on a rack for transport, remove the battery to reduce the weight and make lifting or loading easier.

## Carrying Loads & Cargo

Total Payload Capacity of Himiway Rambler: 330 lb. Weight: 61 lb.

### ◆ Cargo Safe Operation Tips:

The following list provides important tips for the safe operation of the Himiway Rambler when used for carrying cargo:

1. Make sure to load the cargo as low as possible to lower the center of gravity and improve stability.
2. Ensure your loads are properly secured and periodically check that nothing has loosened.
3. Plan your route accordingly when cargo is loaded on the Himiway Rambler, considering hill climbing ability, steering, and braking. Also account for moderately reduced range when carrying extra cargo weight (or an additional passenger).
4. Try to get a feel for the cargo load in a flat and open private area before riding on public roads.
5. Make sure to not use the front brake by itself, with or without cargo. Always apply the rear brake first followed by the front brake. Failure of the front fork or loss of control is possible when the front brake is operated independently, especially at higher speeds.
6. The kickstand is not designed to hold the bike upright with cargo by itself, always manually hold the bike upright when loading or carrying cargo.

**WARNING:** Different materials and components may respond differently to stress and wear. If a component's service life is exceeded, it can suddenly fail and there is a risk of injury. Any form of cracks, scratches or color changes on highly stressed components indicate that the component life has expired and the part should be replaced.

## Safety and Care Instructions

To ensure safe riding conditions and maximize e-bike longevity, you must follow the guidelines outlined below:

- To clean the e-bike, wipe the frame with a damp cloth soaked in a mild, non-abrasive, non-corrosive detergent mixture. Wipe or spray all unpainted parts with anti-rust treatment after being used in coastal areas or areas with salty air or water.
- Never use a pressure washer when cleaning your bike.
- Never immerse the bike or any components in water, as the electrical system may be damaged. If the hub and bottom bracket bearings have been submerged in water, they should be removed and re-greased (this will prevent accelerated bearing deterioration).
- Periodically check wiring and connectors to ensure there is no damage, and the connections are secure.
- Store under shelter, avoiding extended exposure to cold or inclement weather. If exposed to rain or excess moisture, dry your bicycle afterward and apply anti-rust treatment to the chain and any other unpainted steel surfaces.
- Regularly clean and lubricate all moving parts, tighten components and adjust as required.
- Your cables, spokes, and chain will stretch after an initial break in period of 80-160 km, and additionally bolted connections can loosen with time and usage. Therefore, we suggest you contact a certified bicycle mechanic every two months to ensure your bike is safe and problem-free for years of use.
- If the paint has become scratched, or the metal chipped, use touch-up paint to prevent rust (clear nail polish can also be used as a preventative measure).
- Damage from corrosion is not covered under warranty, therefore special care should be given to protect and extend the life of your bike.

## Maintenance

### ◆ Battery Maintenance (48V 15AH LG Lithium Battery)

1. Don't fully drain your battery. Turn off the power when the battery charge is low.
2. Fully charge the battery after each use, no matter how much power is used. This will prolong the battery life. If the battery is not used for a long time, store the battery with a full charge and charge it once a month.
3. The Himiway Bike can be safely ridden in light rain. However, riding through very heavy downpours or through flooded streets is not recommended, as the crank and/or motor can get wet, which may cause problems.
4. Keep the battery away from open flame or a high-temperature heat source. Do not expose the battery to direct sunlight or recharge immediately after use in high-temperature weather.

### ◆ Motor Maintenance

1. Please check your motor frequently and tighten any loose screws or nuts, to prevent the vehicle from breaking down due to disconnected wires.
2. The brushless motors are not waterproof, so avoid riding through water deeper than the lower edge of the electric wheel hub to avoid motor failure.

### ◆ Chain Maintenance

1. We recommend cleaning the chain after each ride, especially in rainy and humid environments. Use a dry cloth to wipe the chain and its accessories clean. Use a brush to remove sand and dirt stuck in the chain, along with use warm soapy water if needed. Do not use strong acidic or alkaline cleaning agents (such as rust remover), because these chemicals can damage the chain.
2. Apply lubricating oil after cleaning to avoid rust. First, make sure the chain is dry, and then apply the lubricating oil into the bearings.
3. To prevent unnecessary chain wear, try to maintain a vertical chain position when shifting gears (do not use the smallest gear with the smallest flywheel, or the largest gear with the largest flywheel, etc.).

## ◆ Front Fork Maintenance

1. Always use a clean, oil-free lint-free cloth with plain or soapy water to clean your bike. To prevent water from flowing into the front fork, you can turn the bike upside down. Dry with a lint-free towel after washing. Pay specific attention to the inner tube and the dust seal to reduce wear and prevent thinning of the inner tube, which can lead to significant damage if the aluminum is exposed to air.
2. We recommend using a front fork dust cover to protect the inner tube of your front fork. This prevents dust from entering as well as hard objects from hitting the inner tube.

## ◆ Brake Maintenance

1. Pad replacement:
   The brake pads should be replaced if they have become contaminated or are less than 1mm thick, or if the total thickness of the pad is less than 2.5mm.

2. Before riding:
   Check the pads for wear or contamination.
   Check the hose for cracking, wear or deformation. Replace if necessary.
   Check if the brake system is operating correctly.

3. After riding:
   Check the pads for wear or contamination.
   Check the hose for cracking, wear or deformation. Replace if necessary.
   Check if the brake system is operating correctly.
   **NOTICE:** Do not touch the brake discs after heavy use.

4. At regular intervals:
   Check the oil level in the reservoir.
   Lubricate the brake lever pivot with grease.
   Check to make sure that all the bolts are tightened to the correct torque specifications.

5. Bleed The System
   You should always bleed the system after you have shortened or replaced the hose or have opened the system to the air at any time. Additionally, if the brake action feels spongy, you may improve performance by re-bleeding the system.

   Tools and equipment required:
   - 2mm Allen wrench
   - 4mm Allen wrench
   - 7mm wrench
   - T15 Torx® wrench
   - 20cc syringe
   - Piece of tubing
   - Tektro brake fluid
   - Piston holder
   - A clean, empty bottle or plastic bag
   - A cleaning towel

**CAUTION:** Cleanliness is a very important part of any maintenance of the Tektro hydraulic disc brake. If the pads or rotor become contaminated with oil or if the hydraulics become contaminated with impurities, braking performance will be greatly impaired. Use only Tektro brake fluid with the Tektro hydraulic disc brake. Other brake fluids may not be compatible and may damage the system.

**Step By Step Guide (See 4a - 4e)**

**Step 1:** Place the bike in a stand. Position lever so that it sits parallel to the ground. (See 4a)

**Step 2:** Remove disc brake pads to avoid contamination during the bleed procedure. -Insert a disc brake piston setting tool or other non-sharp tool and push the pistons back into the caliper.

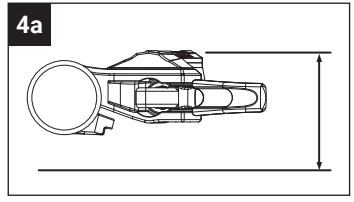
**Step 3:** Insert Tektro bleed block into caliper. Bleed block ensures that pistons will not move inward during bleed procedure.

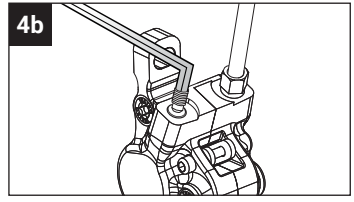
**Step 4:** Using a T15 Torx, unscrew the bolt located at the caliper bleed port. (See 4b)

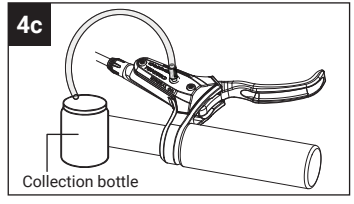
**Step 5:** Attach a section of plastic tubing with knurled silver bleed fitting to your syringe (supplied with bleed kit). Fill Syringe halfway with Tektro Mineral Oil. Hold the Syringe vertically with the tip up and tap out any air bubbles. Install the knurled silver bleed fitting (supplied with the bleed kit) into the caliper bleed port.

**Step 6:** Using a T15 Torx, remove the Reser/oir bleed plug. Set aside.

**Step 7:** Install the knurled silver bleed fitting (supplied with the bleed kit) into the reservoir bleed port. Firmly attach a long plastic tube over the bleed fitting, placing the other end into a clean, dry empty bottle or plastic bag .(See 4c)



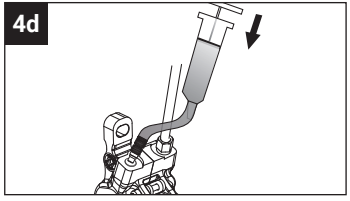

**Step 8:** Start filling the brake with new mineral oil by slowly pushing the syringe. Air bubbles may come out of the reservoir. Continue pushing fluid until you no longer see bubbles coming out of the tube .(See 4d)

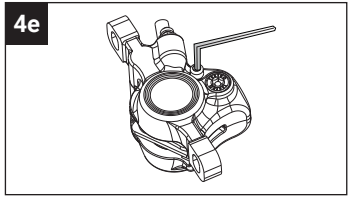
**Step 9:** Remove the plastic bag or collection bottle, section of tube, and knuried bleed fitting from the brake lever reservoir. Re-install the T-15 reservoir bleed plug. Tighten to 2-4Nm.

**Step 10:** With the bleed plug installled at the reservoir, you may now remove the syringe and knurled bleed fitting from the caliper. Re-install the T-15 caliper bleed plug. Tighten to 2-4Nm.

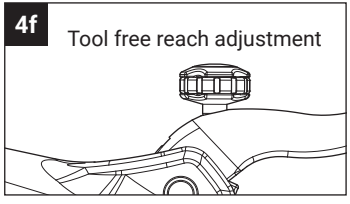
**Step 11:** Wipe off any excess oil from the lever and caliper body.

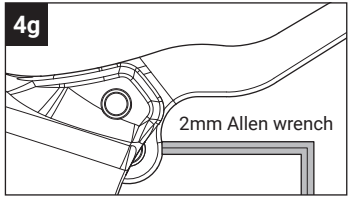
**Step 12:** Remove 2-Piston Bleed Block and reintstall the brake pads.




Adjust Lever Reach (See 4f - 4g)
4f. Tool free reach adjustment type-by the reach adjustment knob on the lever.
4g. By tightening the 2 mm reach-adjuster bolt on the lever.

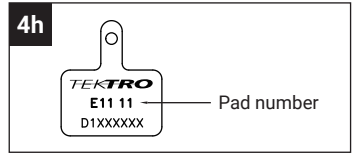


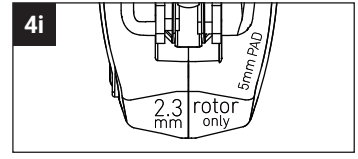



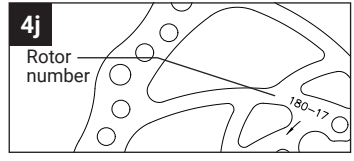

**WARNING:** TEKTRO had implemented 2 key improvements this year for better performance, 2.3mm thickness rotors and 5.0mm brake pads.

If there is lasered "5.0mm Pad" and (or) "2.3mm rotor only" or "E.2.3" on the caliper of your hydraulic disc brakes, please make sure to replace your brake pads and rotors according to the original setup of each model. You can find more information about 2.3mm rotors and 5.0mm pads on TEKTRO website. (See 4i).

Rotor replacement:
2.3mm thickness rotor should be replaced if worn to 1.9mm thickness.
1.8mm thickness rotor should be replaced if worn to 1.5mm thickness.




(Brake Maintenance is quoted from **https://www.tektro.com/** , for further information and instructions please go to **https://www.tektro.coload.php)**

## Warranty

Himiway Bikes periodically updates our official Warranty Policy. Therefore, please review the latest policy on our website:
**https://himiwaybike.com/pages/warranty**

**After-sales Mail:** customers@himiwaybike.com

**Suggestion Box:** mike@himiwaybike.com

* Himiway has the right, without notice to the consumer, to substitute components of at least equal quality for advertised Himiway e-bike components if those advertised components are unavailable.

HIMIWAY

# Long Range E-bike Expert