



Guide & Manual

D5 2.0 & D5 ST 2.0

US A1

INTRODUCTION

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 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 [19](#) to find your serial numbers

Bike frame number

Battery serial number

Motor serial number



QR code to download it at no cost
Owner's Manual

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1. Safety Guidelines

READ THIS MANUAL BEFORE OPERATION

1. Pre - Operation Requirement

Thoroughly read and understand this manual before using your new Himiway e-bike. It contains crucial info on operation, maintenance, storage, and safety procedures. Failing to follow instructions may lead to serious accidents like falls, collisions, electrical shock, or fire.

2. User Responsibilities

Familiarize yourself with your specific Himiway e - bike model's features and mechanisms. Strictly adhere to all safety advice. For questions, contact Himiway customer service. Prioritize safety and the bike's longevity by reading the manual carefully.

3. Risk Warnings

- Road Safety: Obey traffic laws and stay aware of surroundings to avoid collisions when riding, as e - biking has inherent risks.
- Health & Physical Limitations: Consult a doctor before use if you have health conditions affected by speed changes or physical activity. Those recovering from injuries or with mobility issues should exercise extra caution.
- Loading: Do not overload the bike beyond the stated payload limit (especially for models like Overload and Rhino). Overloading can make the bike unstable and increase accident and damage risks.

4. Safety Assurance

Responsible use and following these warnings/instructions enable a safer, more enjoyable ride. Your safety is our top concern.

5. Retention

Save these instructions for future reference.

Important Safety Notice

WARNING

When using this product, basic precautions should always be followed, including the following:

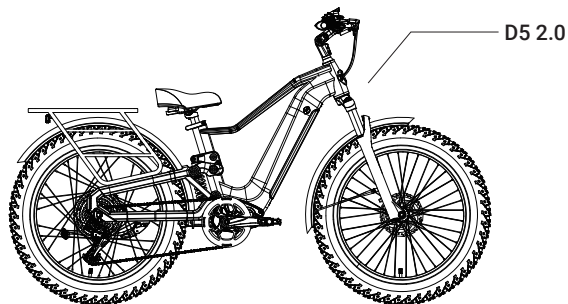
- a) Read all the instructions before using the product.
- b) To reduce the risk of injury, close supervision is necessary when the product is used near children.
- c) Do not put fingers or hands into the product.
- d) Do not use this product if the flexible power cord or output cable is frayed, has broken insulation, or any other signs of damage.
- e) This equipment shall not be used under ambient temperatures lower than -10°C (14°F) or higher than 45°C (113°F).
- f) The battery is intended to be charged when the ambient temperature is between 0°C (32°F) and 40 °C (104°F). Never charge the battery when ambient temperatures are outside this range.

Disclaimer

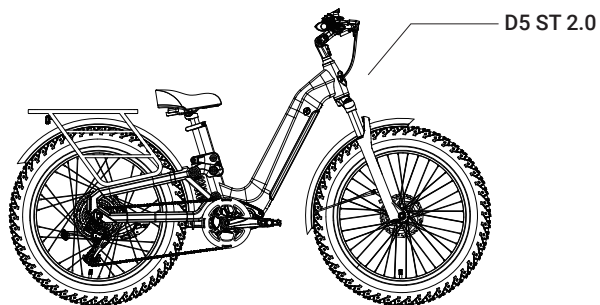
1. Do not remove any reflectors.
2. Do not use this e - bike with standard bike trailers, stands, vehicle racks, or accessories that Himiway has not tested for safety and compatibility and confirmed as safe and compatible with the bike.
3. Any modifications to your Himiway bike that have not been expressly approved by Himiway may void the warranty and lead to an unsafe riding experience.

2.Components in Package

A ebike (Not Fully Assembled)



or

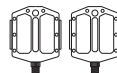


NOTICE: According to your order, you will receive a step over ebike (D5 2.0) or a Step Thru ebike(D5 ST 2.0).

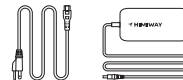
Essential Components



Headlight

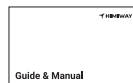


Pedals



Charger

Owner's Manual



Complimentary Accessories



Bell



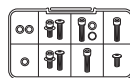
Hex wrench



15mm Wrench



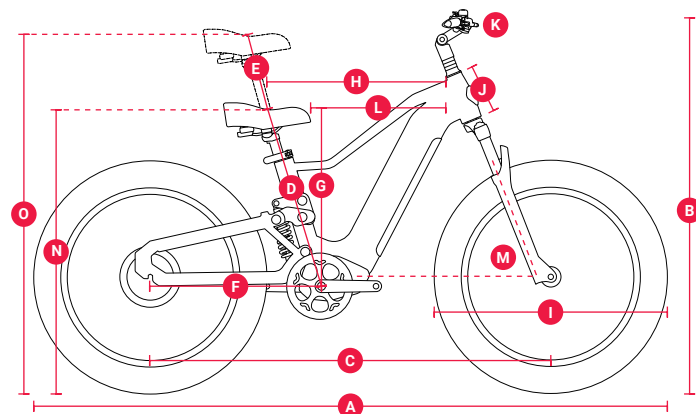
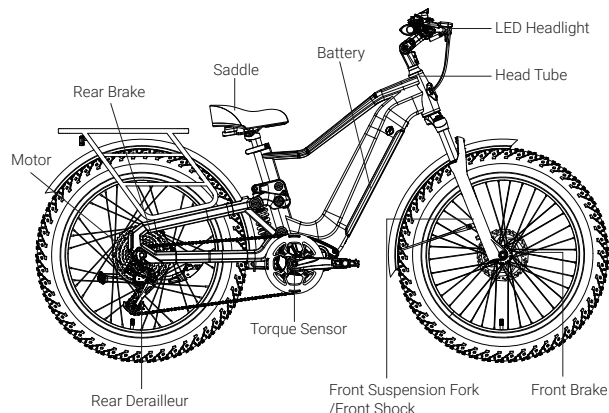
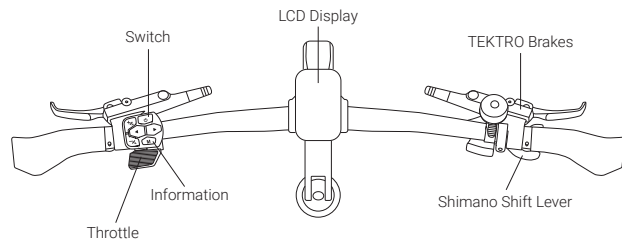
Drawstring Bag



Bike Specific Screw Set

NOTICE: Complimentary accessories are subject to change without prior notice. Please refer to the actual items in the package for accuracy.

3.Bike Specification



A - Total Length **77.7 inch**

B - Handlebar Height **45.6 inch**

C - Wheelbase **49 inch**

D - Min Seat Height(to BB) **20 inch**

E - Seat adjustment height **9.8 inch**

F - Chain Stay Length **20.8 inch**

G - Frame stack **25.4 inch**

H - Effective top tube **24.5 inch**

I - Wheel Diameter **28.7 inch**

J - Head Tube Length **5.9 inch**

K - Handlebar Width **41.6 inch**

L - Frame reach **16.6 inch**

M- Head angle **70°**

N - Minimum Seat Height **33 inch**

O - Maximum Seat Height **38 inch**

Product Specifications

Bike Frame	Upgraded 6061 Aluminum frame	Tires	26" x 4" fat tires
Weight	91.5 lbs	Spokes	13 gauge front/ 12 gauge rear
Max Payload Capacity	400 lbs (including bike and cargo)	Brake	Tektro E3520 Hydraulic Brakes 180mm Brake Rotor
Recommended Rider Heights	5'1" ~ 6'5"	Crankset	52T*170MM
Assist System	HMW Assist System 1.0	Gearing	Shimano 8 speed gear shift system
Display	3.5-inch, Full Color, 320x480 Resolution	Chain	KMC chain
Battery	48V15Ah Samsung/LG lithium battery,UL2849	Freewheel	KDF 11-44T
Range	27-68 miles	Stem	60°Adjustable Stem
Motor	750W Rear Hub Motor	Front Fork	RST GUIDE-26 Travel 100mm Alloy front suspension fork with lockout andadjustment
Sensor	Torque/Speed Sensing Switchable	Rear Suspension	Multi-Link, Spring Rated at 800 lbs
Throttle	Thumb Throttle	Saddle	DDK soft saddle
Headlight	LED 48V 4W 120LUX	Seatpost	33.9*350mm Alloy Seatpost
Taillight	Dropout Tail Light (Integrated Turn Signal)	Pedal	Alloy pedals with reflectors
Charger	US standard 3A smart charger	Kickstand	Heavy-duty aluminum

The Industry Standard of Long-range E-bike

◆ After Bike Assembly

An e-bike that travels more than 60 miles on a paved road at an average speed of 15 mph with a gradient of 0 is called a long-range e-bike.

◆ Description of the definition

An e-bike that travels more than 60 miles on a paved road at an average speed of 15 mph with a gradient of 0 is called a long-range e-bike.

- The constant need of recharging e-bikes is the biggest pain point for e-bike enthusiasts, who hope that a single charge can cover a week of travel.
- Their average ride frequency is 5 days a week, with an average mileage of 10.48 miles per ride.
- So the weekly mileage for e-bike enthusiasts is 52.4 miles.
- Combined with some other factors in riding, Himiway believes that an e-bike that can reach 60 miles on a single charge is an authentic long-range e-bike.

Range Reference Table (pedal assist)

Terrain	Range
Paved Road	60.96 Miles
Dirt Trails	50.16 Miles
Beach	44.64 Miles
Gravel	38.24 Miles
Steep Hill	26.64 Miles

Different Terrain

Speed	Range
10 mph	67.76 Miles
15 mph	60.96 Miles
20 mph	46.56 Miles
25 mph	38.8 Miles
28 mph	32.08 Miles

Different Levels of Speed

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10 mph	67.76 Miles
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Different Levels of Speed

NOTICE: These numbers were tested by a 75kg rider on a 25°C day with no wind. Your results might be a little different.

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4. Bike Assembly Guide

Before assembly: Prepare tools



Hex wrench



15mm Wrench

Or your own tools that can replace the above functions.

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

<https://www.youtube.com/@HimiwayBikesLongrangeEbikes>



Recommended Torque Values

Hardware Location	Recommended Torque(NM)
Handlebar	12-18
Stem	22-25
Saddle	12-18
Front Wheel	30-35
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
Suspension Bolt	18-20

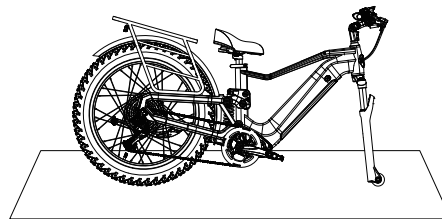
NOTICE: Using an impact driver to achieve the required torque is not recommended as it might cause damage. We suggest you use the wrench set we provided and extra tools to manually adjust nuts and bolts.

Before assembly: Take out the bicycle

Step 1: Find a large mat (such as an unfolded cardboard box) and lay it on the ground.



Step 2: Carefully take the bicycle out of the protective foam, stand it upright on the mat (as shown in the figure, Pay attention to the direction of the fork), and prop up the kickstand.



NOTICE:

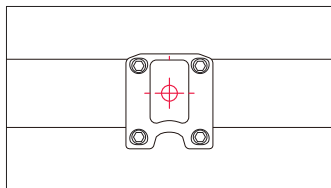
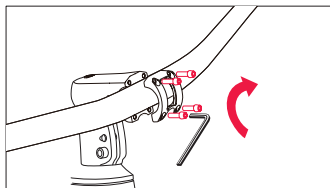
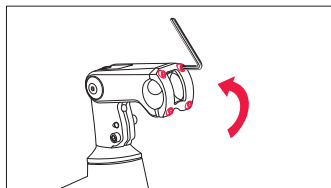
1. Please keep the original packaging for at least 15 days!
 2. Before assembling your bike, it's recommended to remove the battery for the reasons outlined below:
 - Determine if there's battery drain or damage during shipping.
 - Reduce the weight of the ebike to make it easier to maneuver the bike while assembling.
 - Avoid battery damage during the assembly process.
- Go to page 16 to learn about removing and charging the battery.

Assemble the handlebars

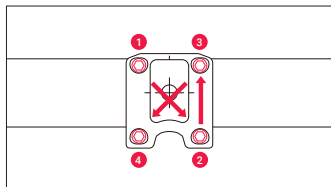
Step 1: Remove the Stem Cap. Use a 4mm Allen key to take off the handlebar stem cap.

Step 2: Insert & Pre - Lock the Handlebars. Put the handlebar into the stem. Pre - lock it, making sure it's firmly in place, no wobbling.

Step 3: Align with Crosshairs. Adjust the handlebar to line up with the stem's crosshairs.



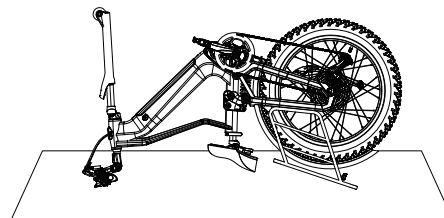
Step 4: Tighten the Stem Cap (X - Pattern). With a 4mm Allen key, tighten the stem cap following an X - shaped sequence.



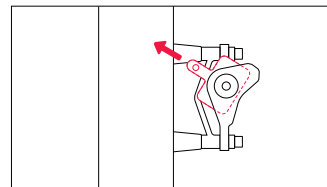
Install the front wheel

Step 1: Loosen the bolts of the meter bracket, then rotate the meter so that it is below the horizontal plane of the handlebar.

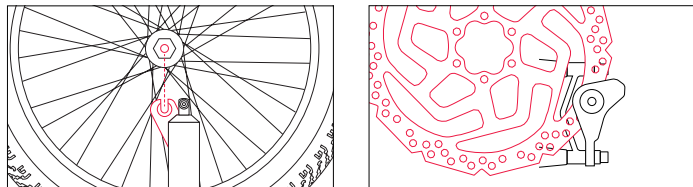
Step 2: carefully flip your bike upside down for the front wheel installation.



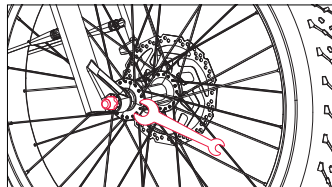
Step 3: Remove the spacer from the brake caliper.



Step 4: Insert the front wheel to the front fork. Seat the hub axle into the dropouts. Ensure the disc brake rotor is properly aligned and centered within the caliper.



Step 5: Tighten and secure the front cap nut with the socket wrench (Torque 30-35 Nm)



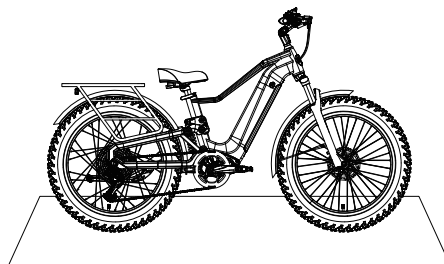
NOTICE:

If there are two people to install it, there is no need to flip the bicycle.

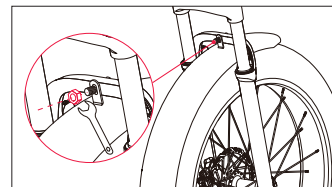
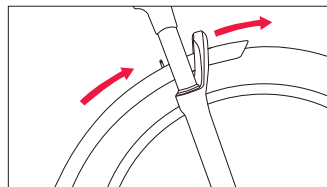
1. One person lifts the front of the bike.
2. The other places the front wheel directly below the fork.
3. Carefully slot the front wheel axle into the fork dropouts, ensuring the brake rotor inserts properly into the caliper.
4. Tighten the bolts on both ends of the axle.

Install the Front Wheel Mudguard

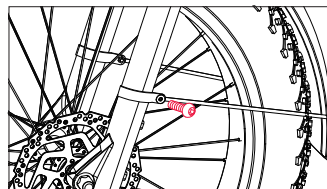
Step 1: Please flip the bicycle again to stand it upright on the ground.



Step 2: Attach the fender bracket to the fork crown and tighten the screws with a 5mm Allen key (Torque: 14-15 Nm)



Step 3: Use a 5mm Allen key to secure the fender stays on both sides of the fork arms. Ensure the stays are aligned parallel to the wheel axis for stable mounting.



Install Front Light

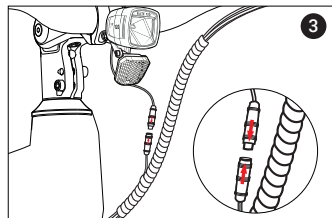
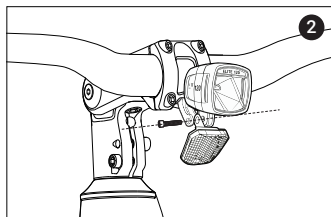
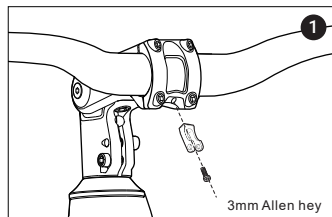
Step 1: Locate the front headlight assembly in the package.

Step 2: Remove the front headlight bracket and attach it to the stem front cover (see Figure 1).

Step 3: Thread the bolts through the bracket, reflector, and front headlight, then fasten them (see Figure 2).

Step 4: Align the arrows on the two power wires and connect them (see Figure 3).

Step 5: Step 5: Adjust the front headlight angle and tighten the screws.

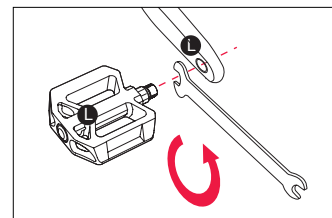
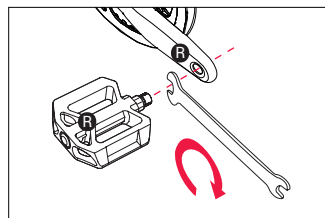


Installing Pedals

Step 1: Identify Pedals Check the "L" or "R" sticker on the pedal axle to distinguish left and right pedals.

Step 2: Install Right Pedal Hand-tighten the right pedal clockwise, then use a 15mm wrench to secure it.

Step 3: Install Left Pedal Thread the left pedal in counterclockwise by hand, and tighten with a 15mm wrench to 35–40 Nm.



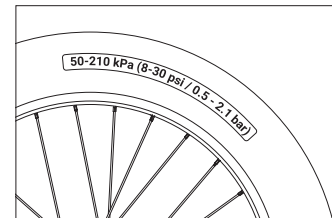
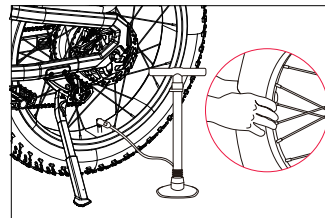
Tire Pressure Check

Step 1: Squeeze the tire. If it compresses easily, inflate it.

Step 2: Use a pump with an AV interface.

Step 3: Inflate until the tire resists compression (don't exceed max pressure).

Step 4: Follow tire pressure markings.



NOTICE:

1. Check tire pressure before every ride.
2. If the tire is deflated, push the bicycle by hand until the tire reaches the recommended inflation pressure.

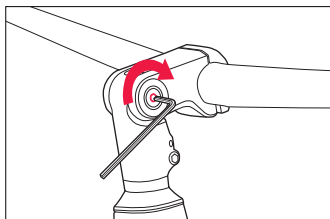
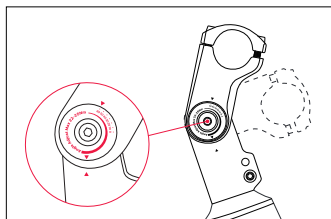
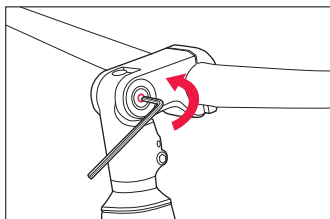
5. Ebike Component Adjustment

Stem angle adjustment

Step 1: Use a 6mm Allen key to loosen the side-locating bolt on the handlebar stem. Do not fully remove the bolt—just release tension for adjustment.

Step 2: Gently lift the handlebar and rotate it to the desired angle (e.g., forward for aggressive riding, upward for comfort).

Step 3: Tighten the bolt with a torque wrench to 22–25 N·m.

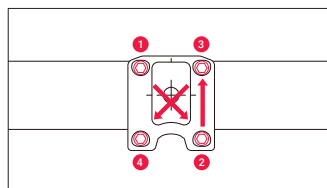
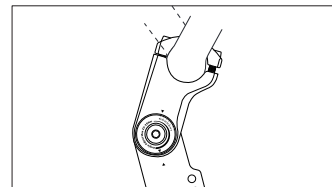
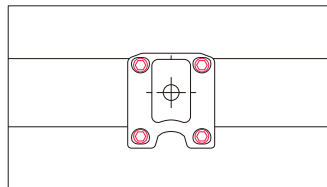


Handlebar angle adjustment

Step 1: Use a 4mm Allen key to loosen the four stem cap screws (don't fully remove—just release tension).

Step 2: Grip the handlebar and gently pivot it upward/downward to set the desired vertical angle.

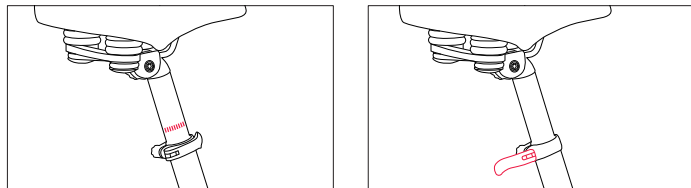
Step 3: With a 4mm Allen key, tighten the four stem cap screws in an X-pattern (e.g., top-left → bottom-right → top-right → bottom-left). Torque to 6–8 N·m.



Seat Adjustment

Adjust the Seat Height:

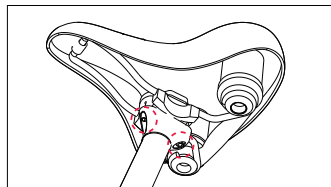
Open the seatpost quick release lever. Adjust the seatpost height by sliding the seatpost up or down to a height appropriate for your leg length and preferred riding position. Do not extend the seatpost beyond the minimum insertion marking etched onto the seatpost.



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

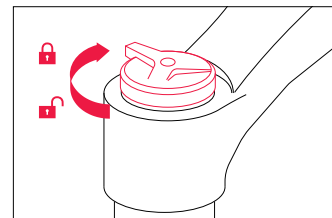
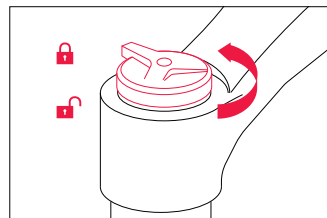
- Step 1:** Use a 5mm Allen wrench to loosen the seat adjustment bolt on the clamp positioned directly underneath the seat, above the rear wheel. Do not completely remove the bolt.
- Step 2:** Move the seat backward or forward and tilt to adjust the angle. The seat position horizontal to flat ground is desirable for most riders. Do not exceed the limit markings on the seat rail, which show the minimum and maximum horizontal movement allowed.
- Step 3:** While holding the seat in the desired position, use a 5mm allen key to tighten the seat angle adjustment bolt securely to the recommended torque value(8Nm).



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

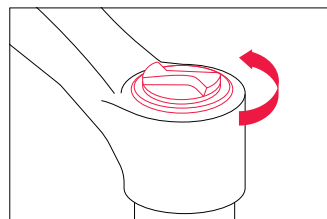
Adjustment of the front fork

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.



6. Assist System Operation

◆ Basic Factions

Basic Display Info



1		Battery level Indicator
2	16.0	Current Speed Display
3		Speed Bar
4	mile/h	Speed Unit
5		Walk Mode Indicator
6		Riding Data
7	SPORT	Assist Level Indicator
8		Power Bar
9		Headlight Status Indicator
10	302	Error Code
11		Turn Signal Indicator
12	Torque Cadence	Torque/Cadence Mode Indicator
13		Cruise Control Indicator(Run,Notruning,Disable)

Vehicle Data Displayable on the Screen

TRIP	999 mile	AVG	26.3 mile/h	WATT	1000 w
ODO	999999 mile	MAX	36.8 mile/h	TIME	88:88
CAL	999 kcal	Torque rider	23 N·m		
CO2	0.0 kg	Cadence	999 rpm		

Assist Levels Supported by the System

AUTO	Smart switching, handles all road conditions with ease.	TOUR	Long - ride friendly, fit for mixed roads.
ECO+	Ultra - energy - saving, ideal for commuting and exercising.	SPORT	Sport - level assist, smooth on gravel and mountain roads.
ECO	Energy - saving, suitable for paved roads.	TURBO	Maximum assist, powerful for mountain and hilly roads.

Basic Button Definition



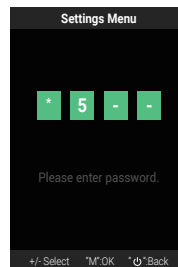
Button	Function
 Power Button	Long press to power on/off; Short press during riding to switch auto - assist mode. Acts as an exit button in the setting interface.
 Function Button	Short press: On the main interface, switch vehicle data; on the settings interface, confirm the selection. Long press: When the vehicle is in motion, switch between torque and cadence modes; when stationary, enter the settings.
 Assist Sensor Switch Button	While riding, press and hold the "M" button to switch between Torque Mode and Cadence Mode in real time. This setting is temporarily effective; for permanent changes, please configure it in "Assist Sensor Switch".
 Plus Button	Short press during riding to increase assist level; Acts as a selection button in the setting interface. Adjusting speed during cruise control; Press and hold to turn on the headlight.
 Minus Button	Short press during riding to decrease assist level; Acts as a selection button in the setting interface. Adjusting speed during cruise control; Press and hold to activate the walk mode.
 Left/Right Turn Signal Button	Short press to turn on the turn signal, short press again to turn off
 Hazard Warning Lights Button	Press and hold the left and right turn signal buttons simultaneously to activate the hazard lights. Press either the left or right turn signal button briefly to deactivate them.
 Cruise Control Button	When the assist speed exceeds 5 MPH, press and hold the left turn signal button to activate cruise control. Press and hold it again to deactivate it; you must read "Cruise Control Setting" below before using this feature.

NOTICE:

To provide you with a better user experience, we will continuously upgrade the vehicle system. Therefore, there may be some discrepancies between your vehicle system and the instruction manual. Please refer to the actual situation.

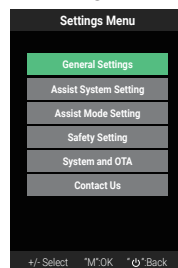
◆ Enter Setting Menu

After powering on, press the 'M' button ('Function button' for 2s to enter the password interface, and enter the password 0510, (Press the 'upshift button' or 'downshift button' to input numbers, and press the 'Function button' briefly after inputting the first password to switch to the next input.) after the password input press 'Function button' briefly to submit the password to access the settings menu.

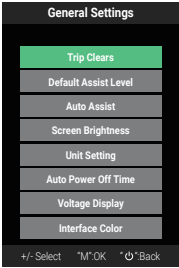


"*" indicates the password digit that has been input;
"5" flashes to indicate the digit being input;
"-" indicates the digit that has not yet been input.

◆ Setting Menu

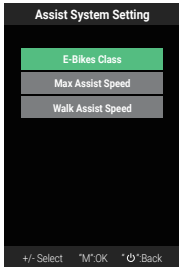


General Settings



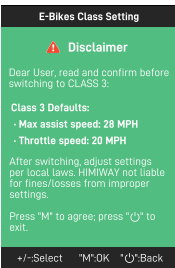
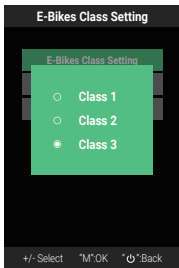
Here you can configure general settings, including: default assist level after startup, automatic mode activation method, screen brightness, units, voltage display, interface color, etc.

Assist System Setting



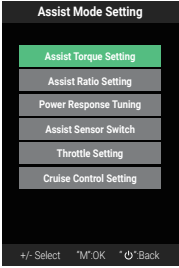
E-Bikes Class allows you to quickly adjust the classification of your e-bike. You can also modify the bike's maximum assist speed, which ranges from 4-20 MPH or 4-28 MPH. Additionally, you can adjust the speed for the walk mode, with a range of 3-6 km/h.

E-Bikes Class Setting



When switching to Class 3, please agree to our "Declaration". You must also configure your e-bike in strict compliance with local traffic regulations. Excessively high assist speeds not only carry the risk of violating regulations but also pose a serious threat to your life safety. Please be advised!

Assist Mode Setting



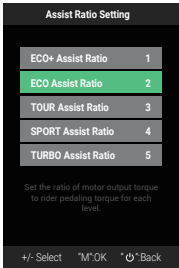
Here you can configure personalized settings for the assist system, such as the maximum torque of assist levels, assist ratio, power feel during riding, and switching between torque and cadence modes.

① Assist Torque Setting



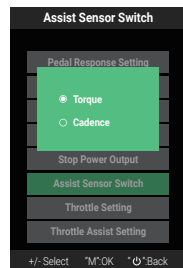
Assist mode	Default torque	Adjustable range
ECO+	18N·M	18, 23, 27N·M
ECO	36N·M	32, 36, 41, 45N·M
TOUR	54N·M	50, 54, 59, 63N·M
SPORT	72N·M	68, 72, 77N·M
TURBO	90N·M	81, 86, 90N·M

② Assist Ratio Setting



Assist mode	Default torque	Adjustable range
ECO+	100%	80-150%
ECO	200%	160-250%
TOUR	300%	260-350%
SPORT	400%	360-450%
TURBO	500%	460-550%

③ Assist Sensor Switch



This function allows you to switch between torque or cadence assist modes.

NOTICE:

The settings for Torque Mode and Cadence Mode here are permanent. Temporary activation is achieved by switching in real time via the "M" button, and the settings will revert to the ones here upon restarting the device.

④ Cruise Control Setting

How to Use the Cruise Control Function

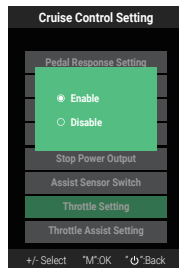
Enable Activation

This function is disabled by default at the factory. Please go to "Cruise Control Setting", select "Enable", and confirm.

Activate Cruise Control

Method 1: When in any mode except OFF and the speed exceeds 5 MPH, press and hold the left turn signal button for 1 second.

Method 2: When in any mode except OFF, use the throttle to maintain a constant speed (exceeding 5 MPH) for more than 3 seconds.



Deactivate Cruise Control

Method 1: Press and hold the left turn signal button for 1 second while cruise control is active.

Method 2: Press the throttle.

Method 3: Adjust AUTO mode.

Method 4: Switch between Torque Mode and Cadence Mode.

Method 5: Pedal the bike.

Adjusting Speed During Cruise Control

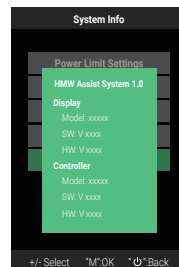
Press the Plus Button or Minus Button to increase or decrease the cruise speed, with each press changing the speed by 2 MPH.

◆ System And OTA

Factory Reset

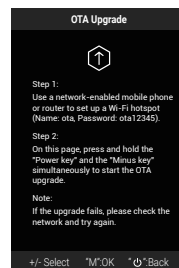
Reset the display to the default state.

System Info



Shows the model number, software version number (SW), and hardware version number (HW) of both the display and controller.

OTA Upgrade



For e-bike models equipped with the DR300 display screen, OTA upgrades via WIFI network are supported. Please follow the on-screen instructions.

NOTICE:

To learn all the operations of the assist system, please scan the QR code on the right to download the "HMW Assist System 1.0 User Manual".



7. Inspection and Riding

CAUTION: 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.

1. Ensure you understand all instructions and safety notes/warnings.
2. Follow the safety checklist on the right before first use and at regular intervals to ensure the bicycle is correctly tightened and set up.
3. Ensure the bike fits you properly before first use. Check local rules and regulations before riding.
4. It is your responsibility to familiarize yourself with the laws and requirements of operation of this product in the area(s) where you ride.
5. Pads should be replaced if its friction components become contaminated or have less than 1mm thickness or total thickness.

Safety Checklist

Safety Check	Basic Steps
Brakes	- o Test front and rear brakes for proper function. - o Ensure brake pads are not worn and are correctly positioned in relation to rims. - o Make sure brake control cables are lubricated, correctly adjusted and display no obvious wear. - 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. - o Check for bulges or signs of excessive wear. - o Clean tires to ensure tread is exposed. - o Ensure rims run true and have no obvious wobbles or kinks. - o Check that all wheel spokes are tight and not broken. - 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. - o Use extra care in wet or dusty conditions.
Cranks and Pedals	- o Securely tighten pedals to cranks. - o Ensure cranks are securely tightened and are not bent.
Derailleurs	- o Check that derailleur(s) are adjusted and functioning properly. - o Ensure shift and brake levers are attached to handlebar securely. - 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. - o Check that all power cables running to hub motor are secured and undamaged. - 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. - o Check for any visible damage to battery pack. - o Lock battery securely to frame.

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 ECO+ to Turbo), 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.

Riding Modes

◆ Pedal - Assist

- Pedal - Assist on e - bikes engages the motor to assist pedaling. Himway has 5 assist level (ECO+ to Turbo).
- Higher (L4/5): For faster rides with less effort, good for fresh, timely work arrival.
- Lower (L1/2): Popular for post - work/leisure. Extends range, reduces fatigue.

◆ Throttle - only

- Similar to motorcycles/scooters, no pedaling needed. Can reach 25 miles/h.
- Suits speed - seeking adventurers, offering extra power as needed.

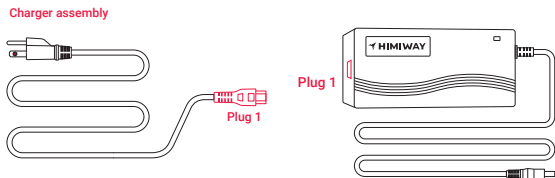
◆ Pedal - only

- Works like a normal bike, no motor assist. Useful for battery - out situations or intensive training.

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.

8. Battery Charging

Charger Manual

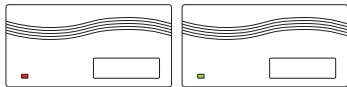


After opening the charger package, please connect the power cord(plug1) to the charger(plug1).

Input	100-240V
Output	54.6V --- 3A
output port	

Indicator Light

Red light: Charging in progress.
Green light: Fully charged or disconnected.



NOTICE: The charger works on 100V-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.

Battery removal instructions

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

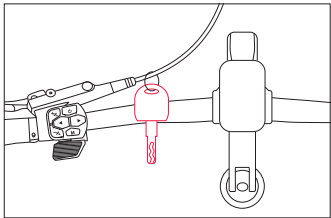


Figure 1

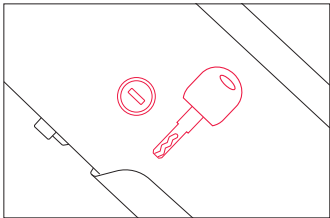


Figure 2

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. 2). If you have lost the keys, you can give us the key number to get new keys.

Step 2: Step 2: To remove the battery, first support the lower battery casing with your palm(fig 3). Insert the key and turn it counterclockwise by a certain angle. Then, press down on the key and turn it again to detach the battery(fig 4).

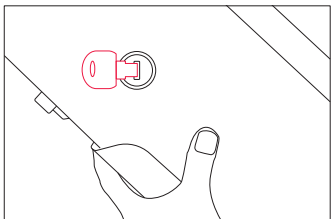


Figure 3

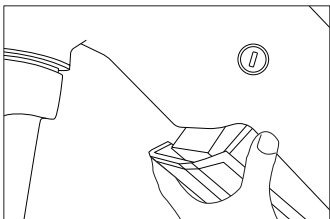


Figure 4

Two charging methods

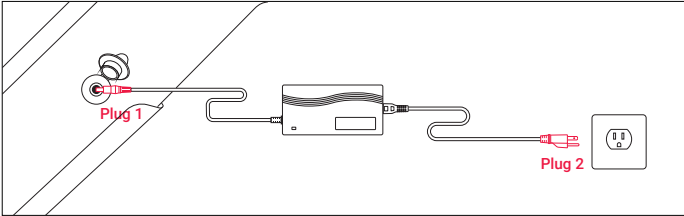
◆ Charging on the Ebike

Step 1: Open the rubber cover.

Step 2: Insert Plug 1 of the charger into the battery charging port.

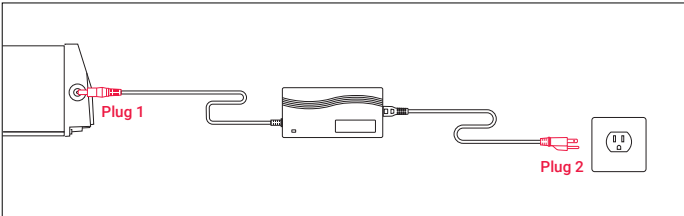
Step 3: Plug Plug 2 of the charger into a household socket.

Step 4: After full charging (when the charger's green light stays on steadily), disconnect Plug 2 first, then disconnect Plug 1 to complete charging.



◆ Removing the Battery for Charging

After removing the battery, the charging procedure is identical to "Charging on the eBike".

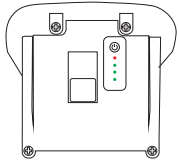


NOTICE: This order helps extend the battery life and effectively reduces battery damage caused by improper charging.

Battery Pack Manual

How to Check Battery Status:

Remove the battery from the device. Press and hold the power button to activate the indicator lights. Estimate the battery level based on the table below.

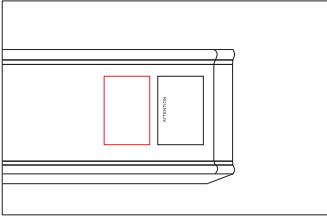


Battery Level Indicator Reference:

Indicator Lights	Estimated Battery Level
1 red, 3 green	75%-100%
1 red, 2 green	50%-75%
1 red, 1 green	25%-50%
1 red	0%-25%

NOTICE: If the battery level is less than 50%, recharge it before long-term storage to maintain battery health.

View and Record the Battery Serial Number



Please write down the serial number found on the battery beneath the barcode 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.

Precautions for batteries

◆ 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

- 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.

9. Maintenance

General Maintenance 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.

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.

Battery Maintenance

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.

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.
2. 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.
3. 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.

Softail Frame Maintenance

◆ 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.

◆ 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.

◆ 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.

CAUTION: Hot !!! Do not touch the brake discs after heavy use.

◆ 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.

◆ 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.

Maintaining Tektro Brake System

Tools and equipment required:

- | | |
|--------------------|--|
| - 2mm Allen wrench | - Piece of tubing |
| - 4mm Allen wrench | - Tektro brake fluid |
| - 7mm wrench | - Piston holder |
| - T15 Torx® wrench | - A clean, empty bottle or plastic bag |
| - 20cc syringe | - 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.

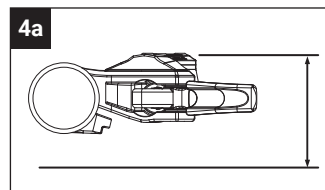
Step 3: Insert Tektro bleed block into caliper. Bleed block ensures that pistons will not move inward during bleed procedure.

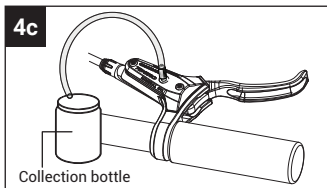
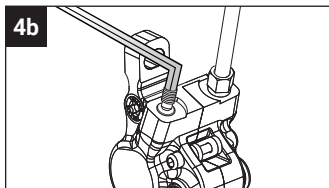
Step 4: Using a T15 Torx, unscrew the bolt located at the caliper bleed port. (See 4b)

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 Reservoir 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)





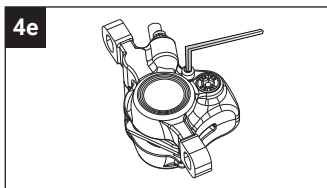
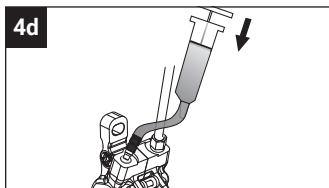
Step 8: Start filling the brake with new mineral oil by slowly pushing the syringe. Air bubbles may come out of the reservoir. Continue pushing fluid until you no longer see bubbles coming out of the tube. (See 4d)

Step 9: Remove the plastic bag or collection bottle, section of tube, and knurled 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 installed 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.

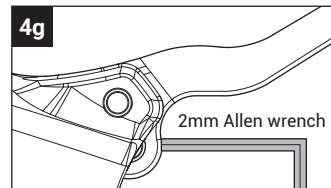
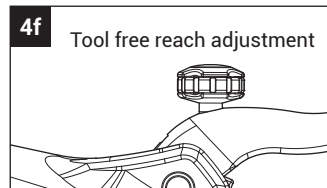
Step 12: Remove 2-Piston Bleed Block and reinstall the brake pads.



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: TEKTRÖ 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 TEKTRÖ website. (See 4i).

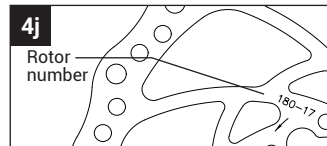
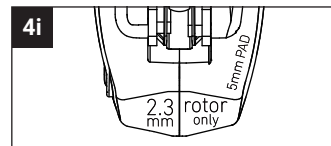
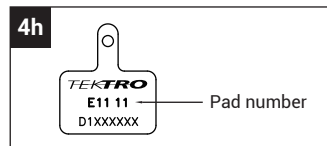
Pad replacement: (See 4h)

Both E11.11 and P21.11 are 5mm brake pads, and both compatible. E11.11 is organic compound, while P21.11 is semi-metallic.

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.tekro.com/>, for further information and instructions please go to <https://www.tekro.com/en/support/all>)

10. Carrying Loads & Cargo

Total Payload Capacity of Himiway D5 2.0: 400 lb. Weight: 82 lb.

Cargo Safe Operation Tips:

The following list provides important tips for the safe operation of the Himiway ebike 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 ebike, 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.

11. 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.

12. 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.

13. 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

* 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.



himiwaybike.com