DEMON ELECTRIC

PHANTOM

Installation Manual

Scan to watch
assembly video

TABLE OF CONTENTS

BELOW ARE THE GUIDELINES FOR THE INITIAL BATTERY CHARGING PROCESS:

• Before using the e-bike for the first time, we strongly recommend that you conduct a preliminary battery check-up and perform a full charge for optimal performance.

• To charge the battery, before riding connect the e-bike to the charger and allow the battery to reach full capacity. According to the manufacturer's instructions, the initial charge typically takes between 48 to 72 hours prior to your first ride.

• During the charging process, keep an eye on the LED indicator or display on your battery charger. This will give you insights into the charging progression. If you encounter any problems, don't hesitate to reach out to the manufacturer for assistance.

• After the battery has been fully charged, it's recommended to take your e-bike out for a test ride. Pay attention to its performance, including the speed, range, and power-assistance levels. Any significant discrepancies might imply that the battery capacity is compromised and needs further attention.

• Even when the e-bike is not being used frequently, it's crucial to regularly charge and discharge the battery. This practice helps to prevent battery degradation during periods of storage.

Email us at pdisales@pdintl.ca

IMPORTANT

Electric Bikes can be dangerous to use. The user or consumer assumes all risk of personal injuries, damage, or failure of the bicycle or system and all other losses or damages to themselves and others and to any property arising as a result of using the bicycle.

As with all mechanical components, the bicycle is subjected to wear and high stresses. Different materials and components may react to wear or stress fatigue in different ways.

If the design life of a component has been exceeded, it may suddenly fail possibly causing injuries to the rider. Any form of crack, scratches or change of coloring in highly stressed areas indicate that the life of the component has been reached and it should be replaced.

Please do not hesitate to contact us. If any problems may occur, please email us at customersupport1@pdintl.ca for any customer service solutions such as replacement parts, technical information, and any other issues.

All new E-Bike purchases come with a 2-year warranty, the warranty card must be filled in and registered in order to qualify for warranty.

For any other commercial or general inquires please contact Demon Powersports at 905 881 9510 or Email us at pdisales@pdintl.ca

PLEASE NOTE: THIS MANUAL IS NOT INTENDED AS A DETAILED USER, SERVICE, REPAIR OR MAINTENANCE MANUAL. PLEASE SEEK ASSISTANCE FROM A QUALIFIED TECHNICIAN FOR SERVICE, REPAIRS OR MAINTENANCE.

DO NOT DISASSEMBLE, MODIFY OR REPLACE ELECTRICAL PARTS.

ASSEMBLY INSTRUCTIONS

Your bike has been pre-assembled and requires only a few simple steps to get it ready for you to ride:

Remove the outside carton after cutting the nylon bands. Remove all the inside cardboard protection and bubble wrap. Carefully remove your bike from the carton and gently rest it in place. **Be careful not to cut any wires when cutting the zip ties.**

Remove brake pad holders when installing, avoid squeezing the brakes when removing the pad holder.

Ensure the following pieces are included in the package. If there are any missing parts, please contact Demon for help replacing missing pieces.

i) Bike

ii) Front Wheel & Axle

iii) Front Fender

iv) Pedals

v) Charger

vi) Assembly Tools

Screw Driver | Wrench Set | Allen Key Set

vii) Kickstand

viii) Seat

INSTALL KICKSTAND

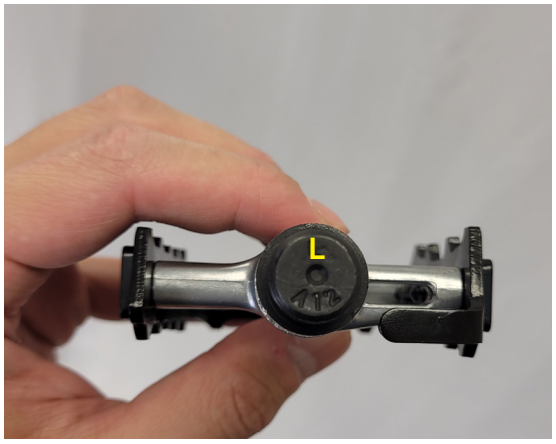
Install kickstand with the **5mm Allen key**.
Ensure kickstand is behind the bracket on the left side of the bike during installation.

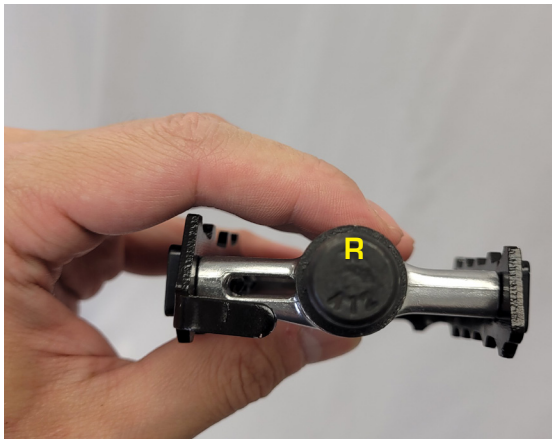
Bracket on left side of the bike.

Turn bolts counterclockwise.

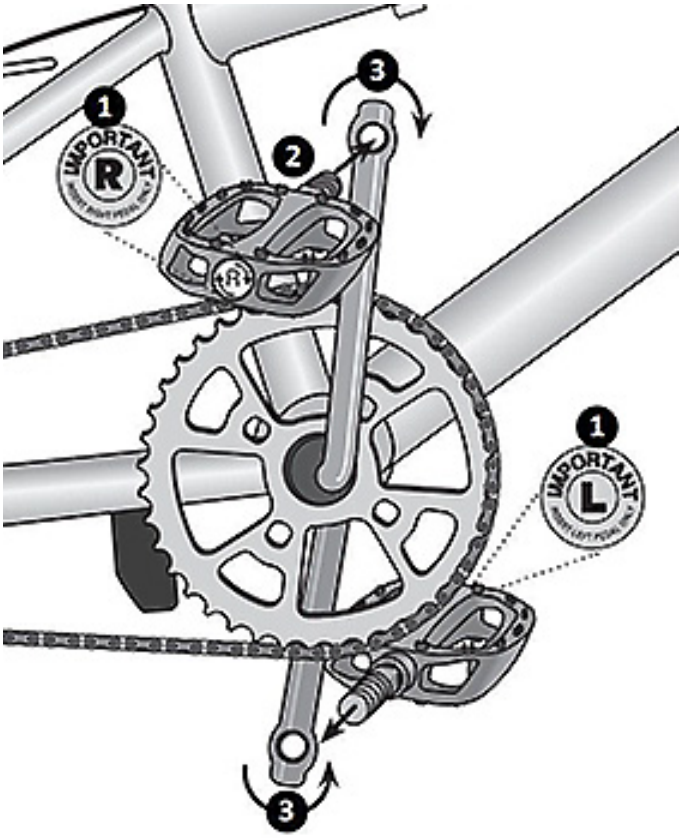
PEDAL INSTALLATION

Using the **15mm wrench** provided in the toolkit, attach, and tighten the pedals. PLEASE NOTE – The pedals are marked "L" for Left and "R" for Right.



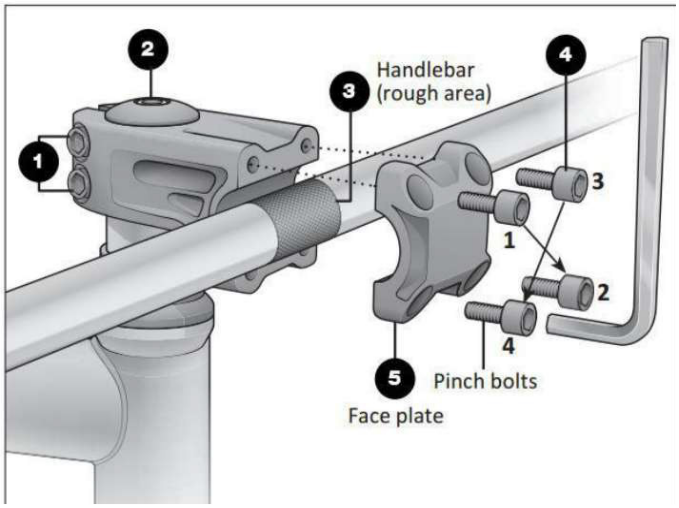


The left pedal is attached by turning it counter clockwise and the right pedal is tightened by turning it clockwise. Make sure the pedals are tightly attached to the crank arms to prevent stripping.
(See picture below)



HANDLEBAR INSTALLATION

Tighten the 4 pinch screws with **4mm Allen key**. Loctite is recommend on the screw. Align the brake controls so they are facing slightly downward. Make sure the handlebar is centered.



CONNECT CONNECTORS

Connect the connectors near handle bar, make sure arrows are pointing towards each other when connecting. Locate the battery key near handle bar and cut the key from zip tie.

FRONT LIGHT & FENDER INSTALLATION

Install the headlight and fender to the front fork with the provided long bolt and nut, tighten with the **provided screwdriver** and **10mm wrench**.

Install fender support to the bracket on the fork using the **4 mm** allen key.

FRONT WHEEL INSTALLATION

Install the front wheel on the front fork, make sure to align the brake disk with the brake caliper, Avoid squeezing brakes and ensure the brake disc is not rubbing against the wheel.
Fasten the wheel hub using the quick release handle.

Smaller side of spring
to be facing the wheel.

Ensure brake disk and
brake caliper are aligned.

Open quick release
handle.

Closed quick release
handle.

INSTALLING THE BATTERY

Insert and twist the key to unlock the battery from the frame. The battery will release from the latch allowing you to remove the battery from the frame.

When iserting the battery back into the frame, place the back end of the battery first, then carefully place the front end of the battery into the frame. Push down on the front of the battery, the battery is locked into place once you hear a click.

CHARGING BIKE

Locate the charging port near the left side pedal of the bike, open the cover to access the charging port. The LED on the charger will turn from red to green once charging is complete.

LOCATING THE SERIAL NUMBER

The serial number is located at the bottom of the frame, between the pedals.

DISPLAY

1. **Headlight:** Shows when the headlight is on. When the headlight is off or without this function, this icon will not show.

2. **Speed:** Show current speed, KM/H or MPH

3. **Power assist mode:** displays the current power-assisted gear, from low to high: 1st gear, 2nd gear, 3rd gear, 4th gear and 5th gear, and the default power-on gear is 1st gear; Gear 0 means no power;

4. **Battery capacity:** Five segments of battery capacity indication, and the percentage value of battery capacity is displayed (the percentage value needs the support of communication battery BMS);

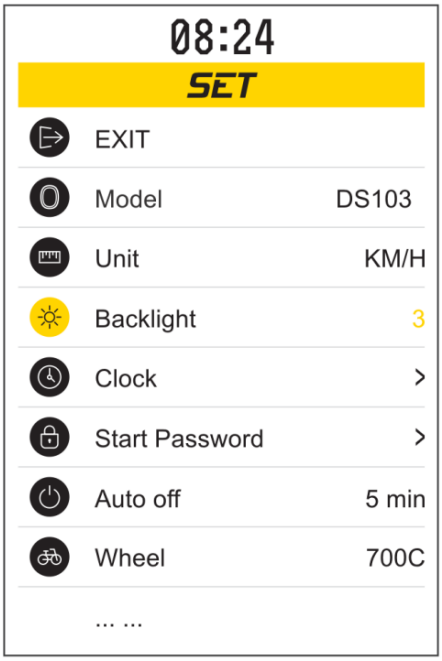
5. **Power:** display instantaneous power value watt and 10 segments indicate motor power;

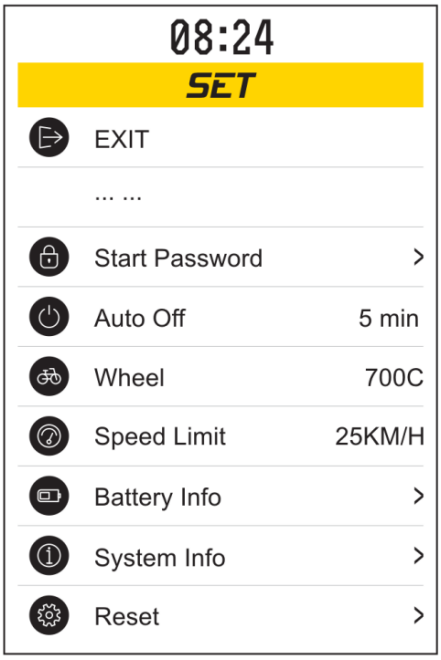
6. **Riding time:** riding time display, display format: hours: minutes;

7. **Trip mileage and unit:** subtotal mileage display;

8. **Remaining mileage:** display the estimated remaining riding mileage of the battery in the current power gear (only estimated value, and supported by communication battery BMS)

Setting interface





Definition of buttons

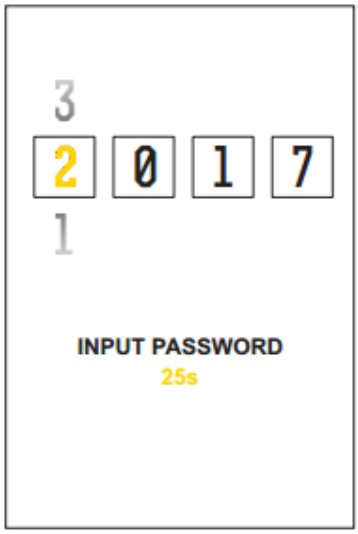
On/off key: ⏻, Function button:, M Adjust +^:, Adjust -: v

Operation

On/Off

Keep the normal connection state between the display and the controller, press the ⏻ key for 2 seconds when the display is turned off, and the display will fully display the startup interface, then enter the basic interface normally and start working; Long press the ⏻ (2 seconds) in the power-on state, and the display will turn off. If the rider does not operate the meter for 5 minutes (speed is 0), the meter will automatically turn off.

Power-on password



Enter the password input interface after the startup screen of the display. If the password is not entered or entered incorrectly within 30s of countdown, the display will automatically shut down. Enter the password correctly, and enter the normal riding interface. (The display factory power-on password is not enabled by default)

Press the M key to select the number of password digits from left to right, press the ^ / v key to select the password value of the current digit, press the M key after the four-digit password input is completed, and the password will enter the boot interface correctly. If the password is wrong, it needs to be re-entered.

The boot password function can be turned on or off in the setting interface, and the password can be changed.

Assist mode select

Press ^ or v to switch the power-assisted gear and change the output power of the motor. The lowest gear is 1st gear and the highest gear is 5th gear. When the display is turned on, the default gear is 1st gear, and when 0 is displayed, it is neutral without power-assisted.
The Assist mode select interface is as follows:

0 (gray) 1 (green) 2 (yellow) 3 (orange) 4 (pink) 5 (red)

Speed and mileage display switching

Press the short M key to display cyclically: TRIP TIME)/ DISTANCE)/ RANGE)/ ODO/-> average speed (AVG SPEED)/ MAX SPEED)/ WATT)/ odo.
The display interface is as follows:

TRIP TIME/DISTANCE/ RANGE/ODO

AVG SPEED/MAX SPEED/ODO/RANGE

Walk assist mode

Press and hold ⌄ the for 2 seconds, and the display will enter the power-assisted implementation state, and the local display of gear display will be "🚶". Release the ⌄, exit the Walk assist mode, and return to the normal display interface. The interface of Walk assist mode switching is as follows (only in the implementation state):

Walk assist mode

Normal mode

Headlight switch

Press the ^ key for a long time, and after 1 second, the headlight will be turned on (with the support of the controller), the display display interface will be switched to night mode, and the headlight indicator icon will be lit up. At the same time, press the ^ key for a long time again. After 1 second, the headlight will be turned off, the display display interface will be switched to daytime mode, and the headlight indicator icon will go out.
The daytime mode/night mode of the display interface is as follows

Power indicator

When the battery charge is normal, according to the change of battery capacity, display the battery charge percentage in real time and display 1-5 cells. When the charge is less than 5%, 0 grid is displayed, and the battery icon is yellow and flashes. Prompt to charge immediately.
The battery charge is shown in the following figure:

Level 0 Level 1 Level 2 Level 3 Level 4

Power display

During riding, the meter displays the real-time power value, and indicates the power in five levels, from low to high, which are 0 to 5 levels respectively, with 0 level indicating that the motor has no output power.

Level 0 Level 1 Level 2 Level 3 Level 4 Level 5

User settings

Settings: Bluetooth switch, unit settings, backlight settings, clock settings, power-on password settings, automatic shutdown time settings, * wheel diameter information, * speed limit information, * battery information, * system information and factory settings. (* is only for project information display, which cannot be set by default)

Enter the setting interface:

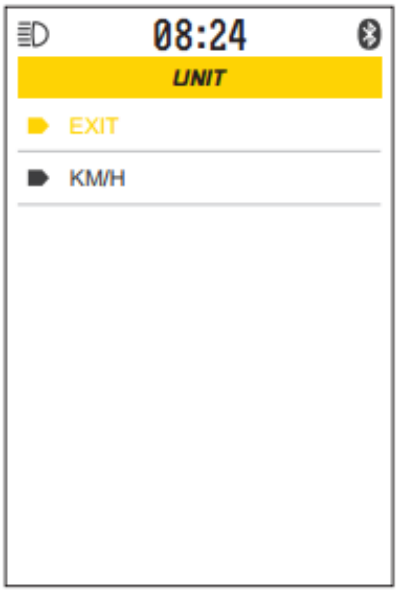
- Within 10 seconds after starting the machine, enter the basic interface, press the M key for 3 seconds, and enter the user setting interface. In this state, you can set and view relevant parameters.
- Press long M (3 seconds) to exit and save the setting status; Select [Exit] in the setting interface, and press the M key briefly to exit and save the setting status.
- In the user interface setting state, if it is not operated for 10 seconds, the display will return to the normal riding state without saving the parameter settings.
- In the user interface, in the setting item, press M to select the setting content, and press ^ / v to switch up and down items.

Exit item:

Select Exit, press the M key briefly, save the setting parameters, exit the setting interface and return to the riding interface.

Unit Settings:

Unit: Metric/Imperial
Enter the unit setting interface, and press the ^ / v key briefly to select KM/H or MPH ; When selected, press the M key briefly to save the parameters and exit the company setting interface to return to the user setting interface.
Interface is as follows:

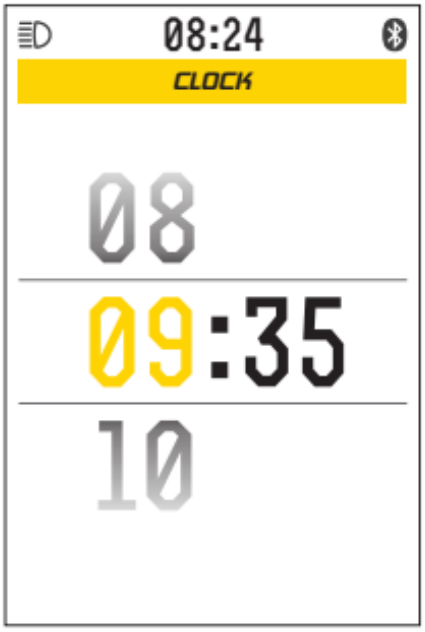


Backlight Settings:

Brightness adjustment interface
Brightness: backlight adjustment items 1, 2, 3, 4 and 5: backlight brightness is adjusted in five levels, with the lowest level 1 and the highest level 5; Press short ^ / v key to select 1~5 brightness, and M key to confirm the selection and exit the backlight setting interface.
The interface is as follows:

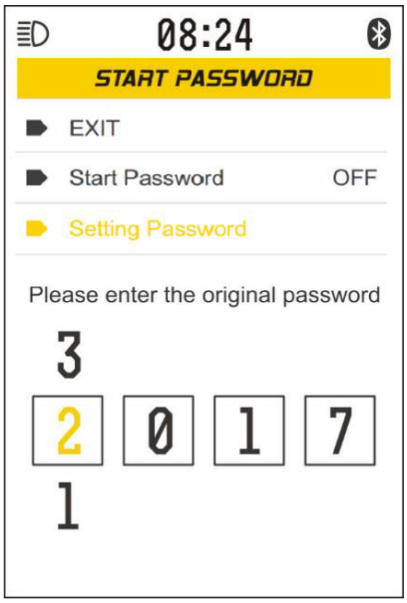
Clock Settings:

Time format: hour: minute
Enter the clock setting interface, automatically select “hour”, press the ^ / v key to set the hour, press the M key to switch from hour to minute, press the ^ / v key to set the minute, and press thekey to confirm the exit.
The interface is as follows:

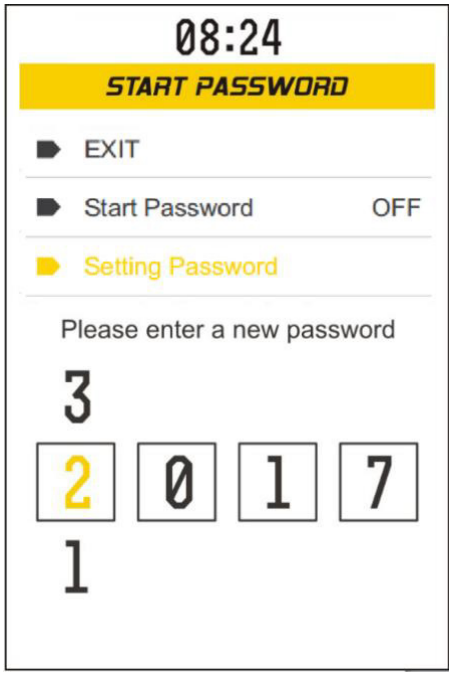


power-on password setting:

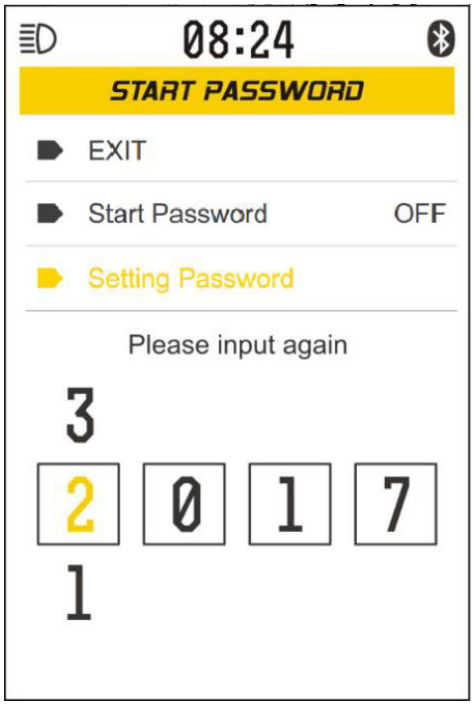
Exit: exit the START PASSWORD interface;
Start password-on/off: power-on password function-on/off
Setting Password: set the power-on password;
Press ^ / v to select Exit, Start Password and Setting Password, select Exit, press M to exit the SET interface, select Start Password, press M to switch ON/OFF, select Setting Password, press M to select the password digits from left to right in turn, press ^ / v to modify the password value of the selected bit, press M to verify the original password after the four-digit password is entered, and if the original password is wrong, directly exit the SET interface.



Enter the original password correctly, jump to the new password input interface and enter the new password.



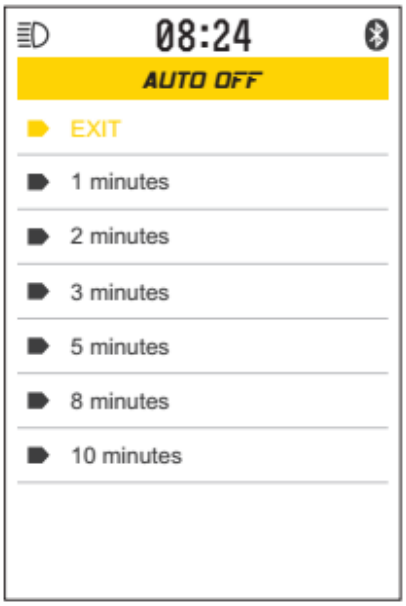
After the new password is successfully entered, you are prompted to enter it again.



After the new password is confirmed correctly twice, the display will automatically open the power-on password. At this time, it is necessary to enter the new password before the display can enter the normal working interface.

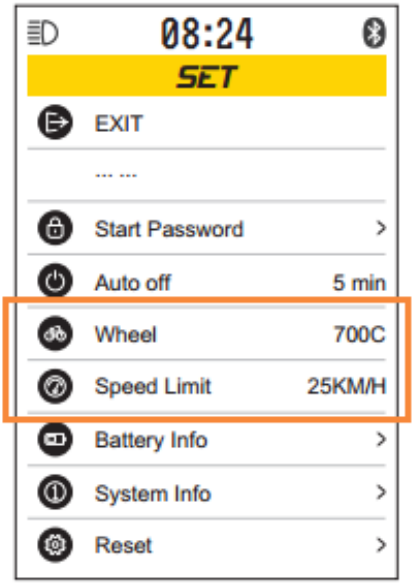
Automatic shutdown time setting

Exit: exit the AUTO OFF interface;
1 minutes: 1 minute automatic shutdown time;
2 minutes: 2 minutes of automatic shutdown time;
3 minutes: 3 minutes of automatic shutdown time;
5 minutes: 5 minutes of automatic shutdown time;
8 minutes: 8 minutes of automatic shutdown time;
10minutes: 10minutes of automatic shutdown time;
Press the ^ key short to select Exit, 1 minute, 2minutes, 3 minutes, 5minutes, 8minutes and 10 minutes, select Exit and press the v key short to exit the SET interface, and select 1 minutes, 2minutes, 3 minutes, 5 minutes, 8 minutes and 10 minutes to save the settings and exit the set interface; M
After setting, in the interface of display operation, when the speed is zero and there is no key operation, the display will automatically shut down after the meeting, and then it can only be turned on again by ⏻ key.



Wheel diameter and speed limit information

The following figure

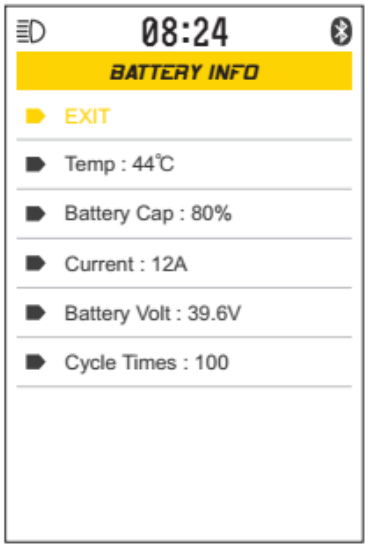


(Default) Wheel diameter and speed limit can only be set by the upper computer, which can only be viewed by the user and cannot be set.

Battery information

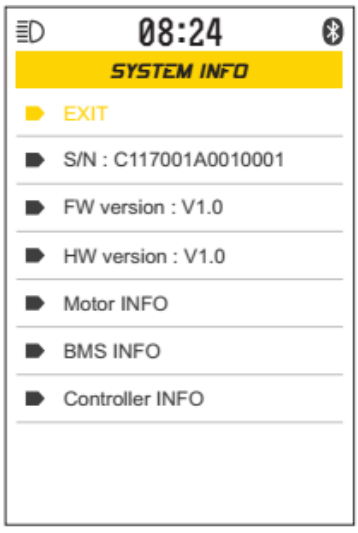
Exit: exit BATTERY INFO interface;
Temp: battery temperature
Battery Cap: battery capacity
Current: current

Battery voltage: battery voltage;
Cycle: charging times;
Press the short M key to exit the user setting interface;
The interface is as follows: (Except for battery voltage, other confidence can only be displayed by battery BMS communication)



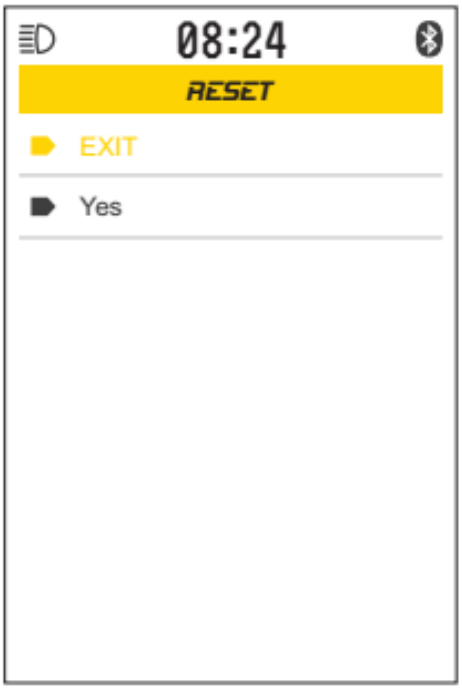
View of system information

S/N: equipment number;
FW version: firmware version number;
HW version: Hardware version number
*Motor INFO (supported by communication protocol)
*BMS INFO (supported by communication protocol)
*Controller INFO (supported by communication protocol)
Press the ^ / v key to select Exit, and press the M key to exit the user setting interface.



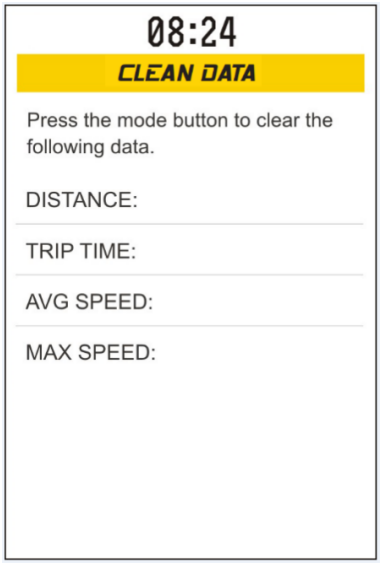
Factory Settings

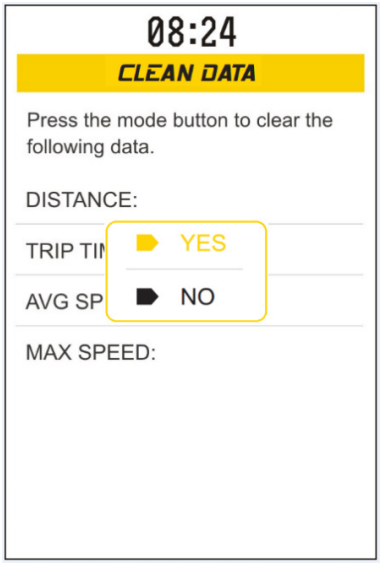
Exit: exit the RESET interface;
Yes: restore the factory settings;
Press short ^ / v key to select Exit and Yes, select Yes, press short M key to restore factory settings and Exit the user settings interface, select Exit and press short M key to exit the SET interface;
The interface is as follows:



Data clearing

After 10 seconds of power-on, press the mode key (3 seconds) for a long time to enter the data clearing interface. Within 10 seconds, press the M key briefly to reset the subtotal mileage (TRIP time), average speed (AVG) and maximum speed (max), and the confirmation option (yes/no) pops up. Z presses the M key again briefly to reset all the following. If you don't press any button within 10 seconds, you will automatically return to the riding interface, and the data will not be cleared.
The following is the data clearing interface:





Fault interface definition

The display can prompt and warn the whole vehicle fault, and when the fault is detected, the display interface displays the fault code (the specific fault code needs to be defined by the controller).
The fault interface (reference) is as follows:

Note: After troubleshooting, the display will automatically enter the normal riding interface.

LITHIUM-ION BATTERY MAINTENANCE/STORAGE GUIDE

During riding, the meter displays the real-time power value, and indicates the power in five levels, from low to high, which are 0 to 5 levels respectively, with 0 level indicating that the motor has no output power.

Overview

Lithium-Ion rechargeable batteries require routine maintenance and care in their use and handling. Read and follow the guidelines in this document to safely use Lithium-Ion batteries and achieve the maximum battery life span.
Do not leave batteries unused for extended periods of time, either in the product or in storage. When a battery has been unused for 6 months, check the charge status and charge or dispose of the battery as appropriate.
Rechargeable Lithium-Ion batteries have a limited life and will gradually lose their capacity to hold a charge. This loss of capacity (aging) is irreversible. As the battery loses capacity, the length of time it will power the product (run time) decreases. By minimizing exposure to the conditions that accelerate degradation, batteries can last longer.

Battery Maintenance

- Minimize exposure to high temperatures in storage or use
- Minimize exposure to low temperatures, especially when charging. In winter time, bring the battery inside, wait for it to warm up and fully dry up before charging.
- Avoid use or storage in high moisture environments
- Minimize time spent at 100% charge (do not leave the device plugged in after it is fully charged)
- Minimize time spent at 0% charge
- Avoid discharging devices more quickly than is needed
- Avoid mechanical damage
- Only use the original charger that comes with the bike
- Keep the battery inside during extreme weather conditions
- To maintain the best performance of the battery, only use the motor as the assistive tool and take breaks between uses. This allows the temperature to come down and the chemistry to stabilize, increasing the run time on a single charge.

Storage

- Charge or discharge the battery to approximately 50% of capacity before storage.
- Charge the battery to approximately 50% of capacity at least once every six months.
- Remove the battery and store it separately from the product.
- Store the battery at temperatures between 5 °C and 20 °C (41 °F and 68 °F).

Handling Precautions

- Do not disassemble, crush, or puncture a battery.
- Do not short the external contacts on a battery.
- Do not dispose of a battery in fire or water.
- Do not expose a battery to temperatures above 60 °C (140 °F).
- Keep the battery away from children.
- Avoid exposing the battery to excessive shock or vibration.
- Do not use a damaged battery.
- If a battery pack has leaking fluids, do not touch any fluids. Dispose of a leaking battery pack (see Disposal and Recycling in this document).
- In case of eye contact with fluid, do not rub eyes. Immediately flush eyes thoroughly with water for at least 15 minutes, lifting upper and lower lids, until no evidence of the fluid remains. Seek medical attention.

Disposal and Recycling

- Lithium-Ion batteries are subject to disposal and recycling regulations that vary by country and region. Always check and follow your applicable regulations before disposing of any battery. Contact Rechargeable Battery Recycling Corporation (www.rbrc.org) for U.S.A. and Canada, or your local battery recycling organization.
- Many countries prohibit the disposal of waste electronic equipment in standard waste receptacles.
- Place only discharged batteries in a battery collection container. Use electrical tape or other approved covering over the battery connection points to prevent short circuits.

WARRANTY POLICY

LIMITED WARRANTY TERMS

Last updated Nov, 2021

All Demon electric bikes, and their discrete covered components are protected against all manufacturing defects in material and workmanship for one year after the purchase of ebike by the customer. The limited warranty is only applicable to original purchaser and its not transferable. You will be responsible for shipping cost associated with returning the discrete components. The limited warranty covers replacement of defective discrete covered components as follows.

All covered components will be replaced at free of cost with in 60 days for period. If its over 60 days and under 1 year period shipping cost will be inquired. Individual Covered Components (as defined herein), are protected against all manufacturing defects in material or workmanship for one (1) year after the date of a qualifying purchase (the "Warranty Period"). This Limited Warranty is only applicable to Canadian ebike purchases (purchases in the United States shall be subject to the applicable warranty terms offered by DEB in those jurisdictions) and in accordance with the following terms:

- Only the original owner of an ebike purchased from DEB's online or physical storefront is covered by this Limited Warranty. The Warranty Period begins upon your receipt of the ebike and shall end immediately upon the earlier of the end of the Warranty Period any sale or transfer of the ebike to another person, and under no circumstances shall the Limited Warranty apply to any subsequent owner or other transferee of the ebike.
- The Limited Warranty is expressly limited to the replacement of a defective lithium ion battery (the "Battery"), frame, forks, stem, handlebar, headset, seat post, saddle, brakes, lights, bottom bracket, crank set, pedals, rims, wheel hub, freewheel, cassette, derailleur, shifter, motor, throttle, controller, wiring harness, LCD display, kickstand, reflectors and hardware (each a "Covered Component").
- The Covered Components are warranted to be free of defects in materials and/or workmanship during the Warranty Period.

In the event DEB determines a Covered Component is defective, DEB will, as your sole and exclusive remedy and in DEB's sole discretion: (a) repair the defective Covered Component or free of charge with new or refurbished parts; or (b) replace the defective Covered Component with a new Covered Component.

This Limited Warranty Does Not Cover:

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

DETERMINING WHETHER DAMAGE OR DEFECT TO AN E-BIKE OR COVERED COMPONENT IS PROTECTED BY THIS LIMITED WARRANTY SHALL BE IN THE SOLE DISCRETION OF DEB.

Shipping Damage:

Damage to a Covered Component during shipping is not covered by this Limited Warranty, but DEB will replace such damaged Covered Components if you:

Notify DEB of a Covered Component damaged in the shipping process within thirty (30) days of your receipt of the ebike;
Provide DEB with a dated picture of the damaged Covered Component;
Return all original packaging and paperwork included with the ebike at your sole cost, unless DEB agrees writing to pay your shipping costs; and
Note any immediately recognizable damage on the shipper's Bill of Lading prior to signing off on the shipment.
Shipping damage claims are very time sensitive and it is your responsibility to immediately inspect the ebike for damage upon receipt.

If you choose to set up your own independent shipping method, such as use of a freight forwarder or other similar service, DEB will not replace any Covered Components damaged during such shipping method.

Credit Card Chargebacks:

If any ebike purchase becomes subject to a credit card chargeback in any amount, and you are still in possession of the ebike, then this Limited Warranty shall be invalidated until the credit card chargeback has been resolved.

Claims process:

DEB WILL NOT REPLACE ANY COVERED COMPONENT UNDER THIS LIMITED WARRANTY WITHOUT FIRST SEEING PHOTOS OR VIDEO OF THE DAMAGED COVERED COMPONENT.

In order to exercise your right to receive a replacement for a Covered Component under this Limited Warranty, you must:

Contact the DEB Technical Support team by email at customersupport@pdintl.ca or by phone at 1-905-475-8383. The Technical Support team will initially work with you on the problem with your ebike to identify potential simple fixes.
If the Technical Support team determines that a Covered Component must be replaced, they will provide you with a set of instructions for returning the defective Covered Component and receiving the replacement.
After you receive the replacement Covered Component, the Technical Support team will also help in determining how to replace or install the new Covered Component into your ebike.
You will be responsible for shipping costs associated with returning a Covered Component, unless DEB agrees in writing to pay for such shipping costs. Replacement Covered Components under this Limited Warranty shall only be shipped to the address of the original purchaser.

THE REMEDIES DESCRIBED ABOVE ARE YOUR SOLE AND EXCLUSIVE REMEDIES AND DEB's ENTIRE LIABILITY FOR ANY BREACH OF THIS LIMITED WARRANTY. OUR LIABILITY SHALL UNDER NO CIRCUMSTANCES EXCEED THE ACTUAL AMOUNT PAID BY YOU FOR THE E-BIKE, NOR SHALL WE UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES OR LOSSES, WHETHER DIRECT OR INDIRECT.

SOME PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM PROVINCE TO PROVINCE.

TO THE EXTENT PERMISSIBLE UNDER APPLICABLE LAW DEB DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE FOR THE DURATION OF THIS EXPRESS LIMITED WARRANTY.

SOME PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

WARNINGS AND SAFETY

You should check the operation of your brake inhibitor switches before every ride. While riding slowly in a controlled environment (like a driveway), engage the motor, then squeeze each brake in turn. The motor should lose power immediately and remain off as long as a brake lever is depressed.

Always use the lowest assist setting until you are comfortable with the bike and feel confident controlling the electric assist.

Keep your hands on the brake levers and remember that they will always slow or stop the bike if pulled.

Use only the battery provided with your bicycle. Even if it is physically possible to connect another type of battery, it is dangerous and potentially damaging to do so.

Never short circuit on the discharge terminals of the battery. A short circuit will damage the battery and could cause a fire resulting in severe injury or death, and property damage. When handling the battery outside the bicycle, be aware of conductive materials that may short the battery terminals, such as coins, nails, etc.

Electric bikes are faster and heavier than normal bikes. When riding in wet weather, you should use extra caution.

Local laws may prohibit the use of high-speed electric bicycles on bike paths or trails. Be sure you are familiar with the laws in your area. Even if legal, it is usually not safe to ride at high speed on paths or trails around other users.

Like any mechanical device, a bicycle and its components are subject to wear and stress. Different materials and mechanisms wear or fatigue from stress at different rates and have different life cycles. If a component's life cycle is exceeded, the component can suddenly and catastrophically fail, causing serious injury or death to the rider.
Scratches, cracks, fraying, and discoloration are signs of stress-caused fatigue and indicate that a part is at the end of its useful life and needs to be replaced.

Electric Bikes can be dangerous to use. The user or consumer assumes all risk of personal injuries, damage, or failure of the bicycle or system and all other losses or damages to themselves and others and to any property arising because of using this bicycle.

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