BLACK IRON HORSE

PEGASUS e-cargo bike

INSTRUCTION MANUAL

Congratulations on your new

PEGASUS e-cargo bike!

Model Name and Color : **PEGASUS e-cargo bike,**

Vehicle Identification Number (VIN) :
Purchase Date :

This bike has a history of around 25 years and is *Made in Denmark*. We are very proud of it, and we hope that it will live up to your expectations.

We hope that you will have many great experiences and adventures with your new cargo bike. Please, before using PEGASUS in use, read all information on this manual, carefully.

Hopefully this manual will answer most of your questions, otherwise you are more than welcome to contact us or swing by our workshop.

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If you are satisfied with your electric cargo bike, *PEGASUS*, please remember to review our product on trustpilot.

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1. Intended Use

The PEGASUS electric cargo bike is designed and built for city use only; and, is suitable for roads with solid and flat surfaces, e.g. paved roads and bicycle paths. The PEGASUS electric cargo bike is NOT intended for off-road use.

The PEGASUS cargo bike is intended for the safe transportation of passengers up to 7 years of age. The bike comes with double and/or single child seats which are equipped with standard three-point seat-belts. 2-point and 5-point belts are also available. It is possible to install extra seats for children or a baby seat upon need.

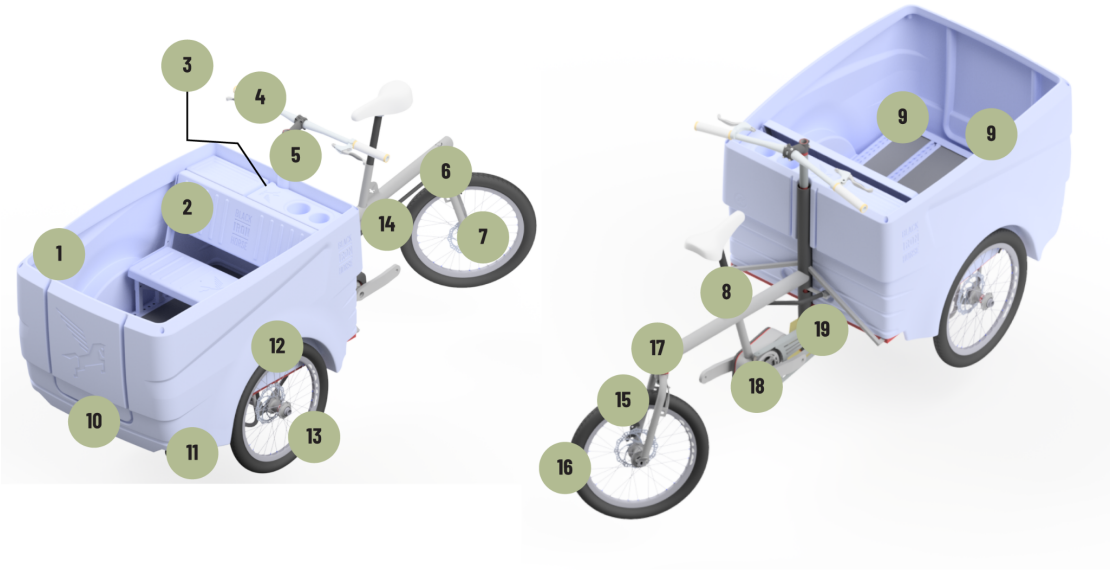
Risks attached to improper use of your cargo bike are explained in detail in their respective chapters.

For further information on load limits, please see Section 4.2 Technical Specifications.

Riding a cargo bike from BLACK IRON HORSE is at your own risk. BLACK IRON HORSE is not responsible for any use of the bike - only the driver can be responsible !

Read this manual before any use of the cargo bike.

2. Diagrams



#			#	
1	Cargo Box		11	Front lights
2	Double Children Seat		12	Front Mudguards
3	Battery		13	Front Wheels
4	Handlebars		14	Steering Lever
5	Stem		15	Rear Mudguard
6	Lock		16	Rear Wheel
7	Rear Brake		17	Rear light
8	Seatpost		18	Driving Unit
9	Playmate Seat (Optional)		19	Chain Guard
10	Climbing Step			

#	
1	Front Brake
2	Gear Hub
3	Chain Tensioner
4	Steering Damper

#	
1	Saddle
2	Seat Post
3	Quick Release (for Seat Post)

#	
1	Rear Brake Lever
2	Left Switch
3	Cycle Computer
4	Right Switch
5	Front Brake Lever (Parking-Brake)

3. Riding The PEGASUS

WARNING! Before taking your electric cargo bike, *PEGASUS*, in use, please read all the information on this manual carefully. Failure to read the manual may result in serious injuries, fire, etc.

WARNING! BIKE CAN TILT WHEN DRIVEN !

WARNING! Always observe traffic rules.

WARNING! While biking, always wear a helmet.

WARNING! DO NOT step on the chain.

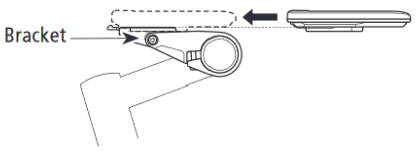
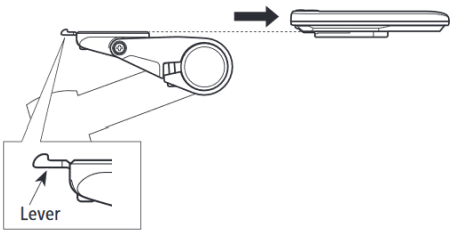
WARNING! DO NOT step on the front or the rear mudguards.

As default, your bike comes fully assembled and ready to bike.

Note that the battery may need to be charged. The only required action before the first ride is to adjust the saddle according to the rider's height (Section **5.1.1 - Saddle Adjustment**).

3.1 Cycle Computer Installation and Removal

For the installation and removal of the cycle computer, follow the instructions as shown below.

Installation	**Removal**
	
Slide the cycle computer onto the bracket until you hear it say click.	Push the lever downwards and slide the cycle computer outwards.
Figures courtesy of Shimano.	

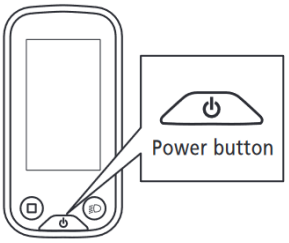
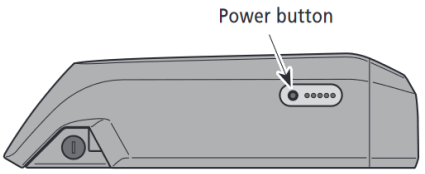
Note! If the cycle computer is not installed correctly, the assist function will not function correctly.

3.2 Turning the system ON/OFF

Turning the system ON/OFF, both via cycle computer and battery, is explained below.

Note! Make sure that the battery is correctly mounted on the battery holder.

Note! Do not step on the pedals while pressing the "power button" as there are torque sensors on the pedals. Therefore, the system will not start.

	Via Cycle Computer	**Via Battery**
		
ON	Press the power button	Press the power button on the battery. The LED lamps will light up indicating remaining battery capacity.
OFF	Press the POWER BUTTON	Hold down the power button for 6 seconds.
Figures courtesy of Shimano		

Info: Power is automatically OFF after 10 minutes standstill.

3.3 Basic Operation

Basic operation of your bike is controlled by the buttons on the cycle computer and . by the left and right switches.

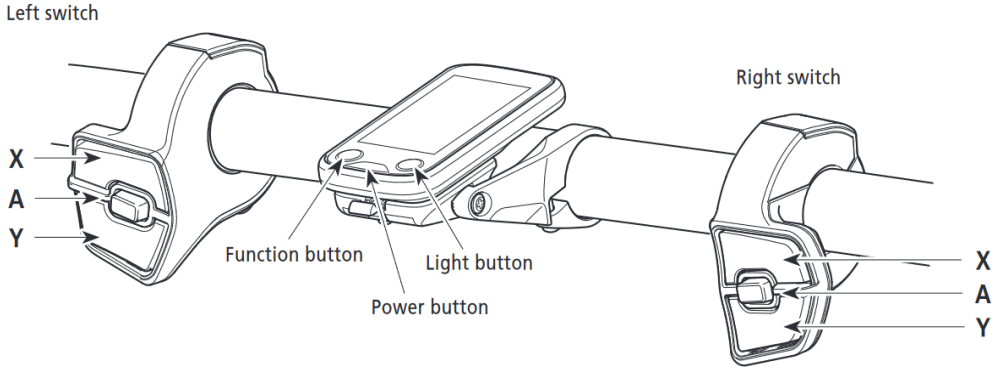


Figure courtesy of Shimano

Changing Gear

Button "**X**" of the right switch increases the gear (pedal resistance increases).
Button "**Y**" of the right switch decreases the gear (pedal resistance decreases).
Button "**A**" of the right switch switches between automatic and manual gear shifting (for electronic internal geared hub - if enabled).

Note! The gear automatically switches to "1" (lowest resistance) at stop.

Changing Assist-Mode

Button "**X**" of the left switch increases assistance.
Button "**Y**" of the left switch decreases assistance.
Button "**A**" of the left changes the travel data display on the cycle computer. Note that the "FUNCTION BUTTON" on the cycle computer also changes the travel data display

Note! These buttons function as described only during riding!

Turning the lights on/off

Both front and rear lights are turned ON and OFF by pressing the "LIGHT BUTTON" on the cycle computer.

Note! The cycle-computer *remembers* the last "light" setting before it is powered OFF, i.e. the lights are on upon powering up the system, if they were on before the system was turned off the last time.

Walk Assist Mode

The WALK-ASSIST function allows the bike to move forward in a walk-pace and operates at a maximum of 6 km/h. The assist level and speed are adjusted (during electronic gear shifting), the assist level by the gear position.

Note! It is not possible to switch to [WALK] mode, if, e.g. the current speed is more than 0 km/h or there is pressure on the pedals. In this case, the cycle computer will give a warning tone.

Press and hold Button "**Y**" on the left switch about 2 seconds, until **[WALK]** is displayed on the screen. Press and hold "**Y**" Button on the left switch so that the bike starts moving. Press "**Y**" on the left switch once to cancel **[WALK]** mode.	
Figures courtesy of Shimano	

If button **"Y"** of the left switch is not pressed for at least one minute, the system will restart in the mode that was set prior to setting **"WALK"** mode.

NOTE: For more information, see user manual "Shimano Steps, SHIMANO Total Electric Power System, User's Manual - E6100 Series". The document can be found at https://si.shimano.com/pdfs/um/UM-78N0A-003-00-ENG.pdf

Brakes

As a default, there are two hand-operated hydraulic brakes on the PEGASUS electric cargo bike. Brake levers are placed on both ends of the handlebar.

The brake lever located on the LEFT side controls the REAR brake.
The brake lever located on the RIGHT side controls the FRONT brake.

Note! Avoid hard-brakes particularly at high speeds as your bike has a rather high momentum due to its mass.

Note! Under loaded conditions, the brakes may show different characteristics (reduced efficiency). The same may also be observed on steep roads and/or bends.

Park-Brake

Park-Brake is engaged by pushing the front brake (right brake) lever down and pressing the small-clutch down to block the rear brake lever.

Park-Brake is disengaged by pushing the rear brake (right brake) lever down, again, and pressing the small-clutch down to release the block of the rear brake lever.

Park-Brake is only for short term use.

3.4 Loading

The PEGASUS electric cargo bike is designed to carry two children up to 7 years of age. Under cycling, the children MUST always be secured with the seat-belts that are, in default, assembled on the children-seats (see Chapter 4.4.2 Children seats).

The PEGASUS electric cargo bike, due to its cargo-box design, is not suitable for transportation of heavy load. Therefore, transportation of heavy load by the PEGASUS is not recommended.

Note: The PEGASUS electric cargo bike must always be loaded within the permissible total weight (see Chapter 4.2 Technical Specifications).

Note: An unfavorable weight distribution can have a negative impact on braking behavior and driving stability.

4. The PEGASUS

4.1 General

The PEGASUS electric cargo bike is where sustainability, quality and smart design meet. We strive to produce the best cargo bikes on the market without compromising aesthetics. We go the extra mile to create simple functional designs that require minimal maintenance. With a bike from BLACK IRON HORSE getting around is going to be pleasure for both you and the environment.

4.2 Technical Specifications

Technical specifications of the PEGASUS electric cargo bike are summarized in table below.

			Note
Drive	Front-wheel drive and rear-wheel steering		
Length	202	cm	
Width	86,5	cm	
Weight, frame	16	kg	W/o accessories
Weight, cargo box	16	kg	
Max. user weight	110	kg	
Cargo box, max load	120	kg	
Wheel size	20	Inches	All three wheels
Max. Speed	25	km/hr	Max. speed at which the electric motor cuts off
Electric motor	60	nm	Shimano E6100, centermotor
Battery	BT-E6010		
Battery Adapter	SM-BTE60		
Gears	5-speed		Shimano Nexus 5-speed
Brakes	Disc		Shimano or Tektro, Hydraulic Disc Brakes
Front lights			2 Axa front lights.
Rear Light			1 Busch & Müller rear light.

The A-weighted emission sound pressure level at the driver ears is less than 70 DB(A).

The PEGASUS electric cargo bikes are not subject to any vibrations caused by its electric motor (the electric motor is in conformity with the requirements of Machinery Directive (2006/42/ EC)

4.3 Components and subsystems

The PEGASUS electric cargo bike is made of several components and subsystems. Some basic information on these are given in the following chapters of this document.

4.3.1 Battery

When the PEGASUS electric cargo bike is delivered, the battery is fully charged and does not require any initial charging.

The range of the battery is dependent on several factors, such as the cyclist, selected electric engine support level, load, condition of the battery, environmental conditions, etc. Remaining battery level can be displayed on the cycle computer display (see section 4.3.3.2 Basic Status Display) or by pressing the power button on the battery (see user manual "Shimano Steps, SHIMANO Total Electric Power System, User's Manual - E5000 Series" or at https://si.shimano.com/pdfs/um/UM-79H0A-002-00-ENG.pdf).

The battery can be used when the green LED on it lights up. Time required to fully charge a battery depends on the remaining battery capacity. For more info, check "battery user manual" provided together with your battery.

Charging can be performed regardless of the remaining battery capacity. Once it is fully charged, remove the battery from the charger as soon as possible.

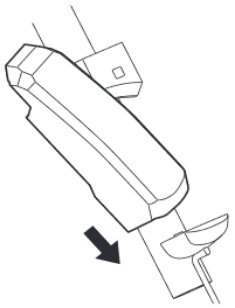
If battery capacity is fully consumed, charge it as soon as possible. Otherwise, the battery will deteriorate. Furthermore, if the bike will not be used for an extended period of time, store battery separately and with approximately 70% capacity remaining. Charge the battery every 6 months to avoid it to be empty.

Please note that the battery may need more frequent charging in the winter months, as cold weather affects battery performance, adversely. Furthermore, make sure to remove your battery, when you know it might be exposed to temperatures below freezing point for longer periods of time.

WARNING!

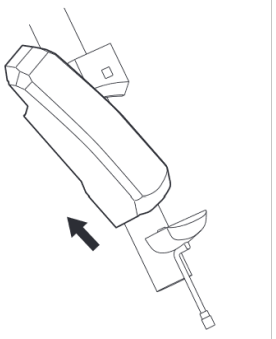
- **Use the battery and charger combination as provided with your purchase.**
- **Follow the charging conditions specified in this document. Not doing so may cause overheating, bursting, or ignition of the battery.**
- **Batteries may not be recharged at temperatures below 0℃.**
- **Handle the battery with great care.**
- **Keep the battery away from children.**
- **Under charging, never leave the battery unattended.**
- **Keep the battery away from hot places.**
- **Do not take it apart or hit, pierce or submerge it.**
- **Do not use a damaged battery.**
- **Dispose the batteries at designated places that can be found in your local recycling stations.**

Installing the battery to the battery mount:

1. Insert the key in the keyhole, 2. Insert the battery by tilting it approximately 30° (to align the indentation in its bottom with the protrusion on the battery mount). Figure courtesy of Shimano	

Removing the battery from the battery mount:

NOTE: The battery can be removed only when the key is in UNLOCKED position.

1. Turn off the power, 2. Insert the key in the keyhole in the battery mount, 3. Turn the key counter-clockwise until it is no longer possible, 4. Remove the battery carefully, by sliding it. Figure courtesy of Shimano	

NOTE: For more information, see user manual "Shimano Steps, SHIMANO Total Electric Power System, User's Manual - E6100 Series"

https://si.shimano.com/pdfs/um/UM-78N0A-003-00-ENG.pdf

4.3.2 Charger

Your charger is a Shimano EC-E6000-2A.

Avoid using any other charger as it would harm the battery.

For charging the battery, follow the instructions as given in the following instructions manual: https://si.shimano.com/pdfs/um/UM-71C0B-000-00-ENG.pdf

4.3.3 Cycle Computer

NOTE: For detailed information, see user manual "Shimano Steps, SHIMANO Total Electric Power System, User's Manual - E6100 Series" . User manual can be found at

https://si.shimano.com/pdfs/um/UM-78N0A-003-00-ENG.pdf

4.3.3.1 Powering the Cycle Computer ON and OFF

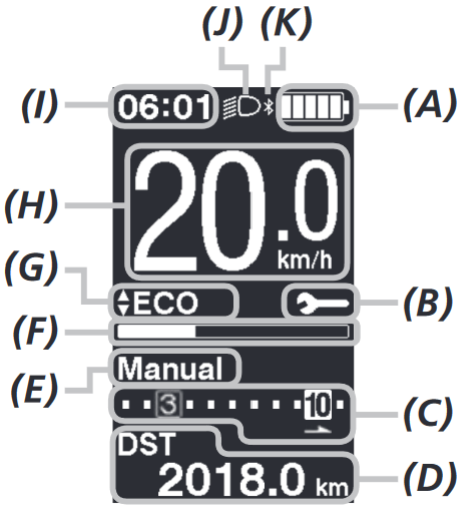
When the power is turned ON, a screen similar to that shown below is displayed, and then switches to the basic screen.

Figures courtesy of Shimano

When the level of the cycle computer's built-in battery is too low, the screen similar to the one on the right side is shown.

Turning the power ON with the cycle computer connected to the bicycle will charge the cycle computer's built-in battery.

4.3.3.2 Basic Status Display



(A) Battery Level Indicator,
(B) Maintenance Alert,
(C) Gear Position Display,
(D) Travel Data Display,
(E) Gear Shifting Mode,
(F) Assist Gauge,
(G) Current Assist Mode,
(H) Current Speed
(I) Current Time,
(J) Light Icon,
(K) Bluetooth® LE Icon

Figure courtesy of Shimano

4.4 Accessories

4.4.1 Lights

The PEGASUS electric cargo bike has 2 front (white) lights that are located in front of the cargo box; and, 1 rear light (red) that is located on top of the rear wheel, as default. How to turn ON/OFF the lights is explained under section 3.3 - Basic Operation.

Both front and rear lights are approved by the Danish Authorities.

WARNING! It is dangerous and may lead to accidents, to bike in the dark without the lights on! Note also that this action is prohibited by law in some countries.

Info: Note that the lights will remain ON for approximately **2 hrs.** after the battery stops supporting the motor.

REMINDER: In this case, please charge the battery as soon as possible.

4.4.2 Children seats

By default, the PEGASUS electric cargo bike's cargo box is equipped with a two children seat with two seperate three-point seat-belts.

4.4.3 Extra Seats

Extra front seats or horizontal benches can be added in the PEGASUS box, each equipped with standard three-point seat-belts. 2 point and 5 point harnesses are also available.

4.4.4 Baby-seat

Baby seats are add-on, optional parts that allow the transportation of babies and toddlers up to 18 months. Two different types of baby-seats (for babies between 0 - 9 month and between 7 - 18 months old) can be purchased separately.

4.4.5 Bell

The *bell* is placed on the left side of the handlebar and using the *bell* is a convenient way of avoiding any possible accidents.

The PEGASUS electric cargo bike, though its electric motor is rather silent, may reach up to high speeds. Therefore, it may be hard for e.g. pedestrians, cyclists, to notice you and judge your speed. In order to avoid any accidents, please always ride carefully, responsibly and when necessary use the bell.

4.4.6 Front Door

The PEGASUS can be equipped with a front door, which grants easier access to the cargo area of the bike.

5. Initial Adjustments and Maintenance

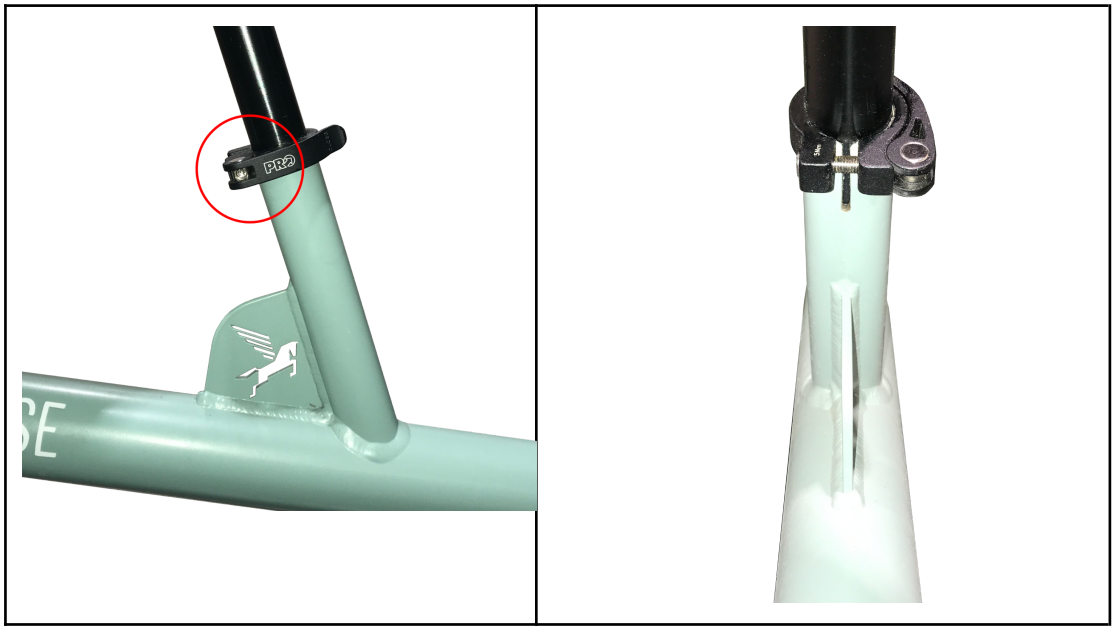
5.1 Initial Adjustments

The PEGASUS electric cargo bike comes fully assembled. Furthermore, your bike's electric motor battery is also fully charged. The only action that may be necessary is to adjust and fasten your saddle height according to your own height.

Note! The stem and the handlebars are not adjustable.

5.1.1 Saddle Adjustment

To adjust the height of the saddle, loosen the "quick release handle", as shown in the illustration below. Then move the saddle-post up or down, and tighten the handle again. Ensure that the handle is tightened sufficiently, so the saddle does not move while riding the bike.



Please note that, when tightened, there is approximately 2 mm distance between the quick release handle and the locking mechanism's outer surface (see the figure to the right).

Please observe the "Minimum insertion depth mark" on the seat-post. Seat-post shall be inserted into the frame at least until that mark.

Seat-post (to the left) and the minimum insertion depth marking (to the right)

For further information on the correct adjustment of the saddle, you can visit http://cyclingright.com/en/.

For installation of the the saddle on the seat-post, place the the two metal bars under the saddle (see figure below, to the left) in between the slots that are on the seat-post (see figure below, to the left). After adjusting the precise placement of the saddle by sliding it through the seat-post slots, tighten both screws with max 8Nm.

Note! Vertical axis of the connection point between the saddle and the seat-post may not cross the "MAX" line on the saddle-connection bars.

Seat-post (to the left) and the minimum insertion depth marking (to the right)

5.2 Maintenance

As with all mechanical components, the PEGASUS electric cargo bike components are subjected to high stress and wear. 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 components has been reached and it should be replaced.

Warning! Before any maintenance activities, turn off all the system and remove the battery.

Please note that maintenance and repair of your bike require specific skills and tools. Therefore, please do not change any settings or perform any maintenance/repair on your bike, unless you have the necessary tools and skills for the required action. Instead, consider contacting your dealer.

Before every ride check if...

- the batteries are charged,
- the tires are pressurized enough,
- the brakes function correctly,
- there are any loose spokes,

Check monthly ...

- if the connectors and wiring are still intact,
- if the chain and the gear wheels are free for any kind of dirt and still lubricated (otherwise lubricate as explained in *Section 5.2.2 Chain and Gear Wheel*),
- the brake and chain cable adjustment,
- the chain tightness and the chain tension adjustment,
- tire wear and pressure,
- wheels for eccentricity and missing, loose spokes,
- if headset, hub, crank bearings and the pedals are tight,
- if handlebars and seat are adjusted correctly,

Check every six months ...

- each step as given under *check monthly,*
- brake pads and replace when necessary,
- chain for excess looseness and wear,

NOTE! While replacing safety-related components, use only genuine parts.

5.2.1 Tires and Wheel Rims

Check tire pressures regularly and pump, when necessary. Correct tire pressure range as stated by the original equipment manager can be found on the side-walls of the tires.

Check if the tires are worn down, i.e. control the tread depths. In case of any anomalies, consider replacing these components, as soon as possible.

Rims should be cleaned when dust and mud, etc. build up on the rim becomes visible. Cleaning rims improves braking quality, extends the life of the rims and brake pads. Household cleaners can be used to clean the rims. Therefore, always remember to inspect the rims and brake pads for wear or damage.

5.2.2 Chain and gear wheel

Chain and gear wheels move on each other and wear down. However, in cases where these parts are not lubricated appropriately, it is likely to face premature wear. Therefore, lubricate your bike's gear wheels and chain, regularly. For this purpose, use appropriate lubricants. However, note that excessive amounts of lubricants would also cause dirt build-up and accelerate the wear-process.

Furthermore, check the chain tightness and ensure it is adjusted correctly. If the tension is too weak, the chain should be tightened. If this is not done, the chain may break and cause serious injuries. For the correct adjustment of the chain tightness, contact your dealer.

5.2.3 Brakes

WARNING! Ensure that you can reach the brake levers and familiarize yourself with which lever operates which (front or rear) brake.

Front and rear brakes are hydraulic disc brakes.

Hydraulic disk brakes should only be adjusted by a trained personnel. Therefore, in cases where a malfunction of the front and/or rear brakes is observed, contact your dealer.

Instructions on how to replace the Tektro hydraulic brake brake pads can be found on: **https://www.youtube.com/watch?v=YHhKDNhZEpE&feature=youtu.be&list=PLo_l1469gkLJ21Ray6BLIbpRWF9Af8uZF.**

WARNING! Risk of hydraulic oil leak.

Note! Do not let brake discs or calipers come into contact with lubricants, oils or similar substances. If contaminated, the braking performance may be severely impaired. In this case, replace brake pads and clean the discs with a suitable cleaning product.

Check both front and rear brakes prior to each ride and make sure that they are functioning properly.

Note! Do not ride your bike, if the brakes are not functioning properly.

Note! In wet weather, there is a risk that the braking distance increases.

5.3 Cleaning

The best way to clean your cargo bike is to use a piece of moist soft cloth and water with a bit of detergent added, e.g. bicycle shampoo or similar.

Warning! Before any cleaning action, turn off all the system and remove the battery pack.

Warning! Do not use corrosive and abrasive chemicals/materials for cleaning.

Warning! Do not use pressurized water or water jet cleaning.

Warning! Make sure that no water penetrates into the electric engine as this may cause damage!

6. Power System Troubleshooting

For information, please see the user manual “Shimano Steps, SHIMANO Total Electric Power System, User’s Manual - E6100 Series” that is provided with your purchase. You can also find the user manual at:

https://si.shimano.com/pdfs/um/UM-78N0A-003-00-ENG.pdf

7. Spare Parts

In order to ensure longer life of the PEGASUS electric cargo bike; and, to avoid undesired failures and/or accidents, always use genuine spare parts. These parts can be purchased from the OEMs, local shops and at our webpage at

WEBSITE:
www.blackironhorse.com

EMAIL:
service@blackironhorse.com

8. Warranty and Obligations

Extending from the day of purchase of The PEGASUS electric cargo bike, a 24-month limited warranty is also included. Warranty covers manufacturing defects in materials or workmanship on the frame, battery, cycle computer and its components, and motor.

Warranty does **NOT** cover normal wear and tear; damage or failure due to any accident; misuse or neglect; improper maintenance/service follow-up; use of incompatible parts, installation of and/or damage caused by add-on components that are out of the scope of delivery at the time the product was purchased.

Warranty is offered only to the original owner, and is not transferable. This warranty is valid only for bikes that are purchased through an authorized dealer or distributor.

This warranty is void in its entirety by any modification of the frame, fork, or components. Please note that lack of maintenance/service may also void the warranty.

BLACK IRON HORSE may not be kept responsible for any accidents and/or damages caused by the use of this electric cargo bike.

In case of any warranty claim, file the claim together with a proof of purchase. For claims made outside Denmark, additional fees or restrictions may apply.

9. Disposal

At BLACK IRON HORSE A/S, we strive to keep adverse impact of our products on the environment at the possible minimum. For this reason, we choose the components that are used on our bicycles, diligently. Furthermore, cargo boxes of our bicycles are made of **recycled plastic;** and, therefore, we encourage you to dispose the cargo box, again, at a recycle-station, so that it can be recycled again..

Please do not dispose of electronic and electrical components of your electric cargo bike as ordinary household waste. This is harmful for the environment and might be prohibited by law.

Ensure that all electronic and electrical components are disposed of at designated locations or via a dealer. For more information, consider contacting local authorities.

EC DECLARATION of CONFORMITY

This declaration of conformity is issued under the sole responsibility of

BLACK **IRON** HORSE

BLACK IRON HORSE A/S - Skøjtevej 11
DK-2770 Kastrup, Denmark

to declare that the product electric-cargo bike model

"***PEGASUS***"

complies with the provisions of the following European Directives:

2006/42/EF - Directive 2006/42/EC of the European Parliamant and of the Council of 17 May 2006 on machinery, and amending Directive 95/16/EC

2001/95/EF - Directive 2001/95/EC of the European Parliament and of the Council of 3 December 2001 on general product safety (Text with EEA relevance)

2014/30/EU - Directive 2014/30/EU of the European Parliament and of the council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility

2014/35/EU - Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits

2011/65/EU - Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment Text with EEA relevance

The product is in conformity with the standard **EN15194:2017**.

2022-01-04
Copenhagen, Denmark

Signed by Jesper Lindahl-Berg, Director
for the manufacturer BLACK IRON HORSE

Service Dates and Notes

Note! 1st SERVICE IS MANDATORY FOR UPHOLDING ANY WARRANTY - SAVE COPY OF INVOICE AND PROOF OF PAYMENT, INCLUDING DATE AND SERVICE CONTENT.

Service 1: After 250 km (or 3 months).

connectors and wiring for the electronic and electrical components	☐		Date:
cleaning and lubrication of the chain and the gear wheels	☐		Service by:
brake adjustment	☐		
adjustment of chain cable, chain tightness and the chain derailleur	☐		Stamp:
control of chain for excess looseness and wear	☐		
check of tire wear and pressure	☐		
check of wheels for eccentricity and missing, loose spokes	☐		
check of headset, hub, crank bearings and the pedals tight	☐		
handlebar and seat adjustments	☐		
Control of brake pads	☐		

Service 2: After 1.250 km (or 1 year).

connectors and wiring for the electronic and electrical components	☐		Date:
cleaning and lubrication of the chain and the gear wheels	☐		Service by:
brake adjustment	☐		
adjustment of chain cable, chain tightness and the chain derailleur	☐		Stamp:
control of chain for excess looseness and wear	☐		
check of tire wear and pressure	☐		
check of wheels for eccentricity and missing, loose spokes	☐		
check of headset, hub, crank bearings and the pedals tight	☐		
handlebar and seat adjustments	☐		
Control of brake pads	☐		

Service X: After every 1.250 kms / At least once a year

connectors and wiring for the electronic and electrical components	☐		Date:
cleaning and lubrication of the chain and the gear wheels	☐		Service by:
brake adjustment	☐		
adjustment of chain cable, chain tightness and the chain derailleur	☐		Stamp:
control of chain for excess looseness and wear	☐		
check of tire wear and pressure	☐		
check of wheels for eccentricity and missing, loose spokes	☐		
check of headset, hub, crank bearings and the pedals tight	☐		
handlebar and seat adjustments	☐		
Control of brake pads	☐		