

BOHLT

BASTARD PRO



USER'S MANUAL

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Chapter 1 GENERAL INTRODUCTION

PLEASE READ THIS USER'S MANUAL THOROUGHLY BEFORE USING THE SCOOTER.

Failure to follow the basic instructions and safety precautions listed in the user's manual could lead to damage to your device, other property damage, serious bodily injuries and even death.

Thank you for purchasing this electric scooter. Please read all instructions carefully before using and keep this manual for future reference.

1.1 Key Features

- The maximum distance you can make with this scooter is 25 miles
- Maximum speed of 31 mph
- Supports up to 440lbs
- Fully charges in 5 hours
- Cool & Fun

1.2 Safety Instructions

- Keep the device away from heat sources, direct sunlight, humidity, water and any other liquids.
- Do not operate the device if it has been exposed to water, moisture or any other liquids to prevent against electric shock, explosion and/or injury to yourself and damage to the device.
- Do not use the device if it has been dropped or damaged in any way.
- Repairs to electrical equipment should only be performed by the manufacturer. improper repair voids the warranty and may place the user at serious risk.
- Do not puncture or harm the exterior surface of the product in any way.
- Keep the device free from dust, lint, etc.
- Do not use this device for anything other than its intended use or purpose. Doing so may damage the device or lead to property damage, injury or death.
- This product is not a toy. Keep out of reach of children.
- Do not expose batteries, battery pack, or batteries installed to excessive heat, such as direct sunlight, or open flame.

Chapter 2 Product Introduction

Its advantages:

- Lithium-ion battery: this battery which is used in this device has been made in accordance with all safety regulations and have passed MA, UL and CE approvals. With

UN38.3 certificate and other certifications. Its life span is three times higher than a regular lead acid battery. It's light in weight and small in size, has enough power to be able to climb, is very efficient and has a fast instant boost.

- Bastard PRO, made of 135°C heat resistant magnetic and silicon steel sheet, with high precision. The motor is very powerful and has a low energy consumption and is very durable at the same time.
- Tires: The tires are vacuum and extremely wide, which ensures a strong ground grip and efficient braking ability. The tires are soft, comfortable, stable and reliable, you don't need to worry about having a puncture anymore.
- Frame: The frame is ergonomically designed with lots of space, making it comfortable and safe.
- Brake system: The brake system is equipped with the best hydraulic disc brake "Kailing", making it a very efficient and safe braking system.
- LCD Display: the smart LCD display displays the actual speed, ODO meter and battery status indication.

Chapter 3 Scooter structure and parts



Chapter 4 Technical specifications

4.1 Main technical parameters of the Bastard PRO

Overall dimensions: 1750x850x1220mm

Wheel base: 1300mm

Maximum supported weight: 4440lbs

Maximum speed: 31miles/h

Driving mileage: 25miles

Rated torque: 15N.M

Maximum climbing ability: 45°

Breaking performance (at 30km/h): dry conditions ≤ 0.1 meter
wet conditions $\leq 0,5$ meter

4.2 Battery Specifications

Battery type: Lithium-ion

Battery capacity: 12Ah

Rated voltage: DC 60V

4.3 Motor specifications

Motor Type: Brushless DC hub motor

Rated Power: 1000W

4.4 Controller specifications

Overcurrent protection: $\leq 25 \pm 1A$

Low voltage protection: $52 \pm 0.5V$

4.5 Battery charger specifications

Input voltage (AC): AC100-240V 50/60Hz

Output voltage: (DC): $71.4 \pm 0.4V$

Remarks: we reserve the right to change the configuration without prior notice to the customer or a third party. Please contact our client service for detailed models and technical specifications.

Chapter 5 Assembling the Bastard PRO

For protection of the Bastard PRO during transportation we have packaged it partly disassembled. Therefore you need to assemble the Bastard PRO before you are able to use it. In the following overview you can see, step by step, how to assemble the Bastard PRO.

5.1 The following items are included in the package:

- The Bastard PRO
- The Bastard PRO key or remote control
- Rear view mirrors
- User's manual
- Charger

- Tool kit



5.2 Open the toolkit and you will find: a handlebar locker, a hex key, four inner hex head screws (picture 3)



Picture 3



Picture 4

5.3 Put the four hex head screws into the handlebar locker (Picture 4)

5.4 Put the handlebar on the handlebar stand (Picture 5) and lock the handlebar slightly with the handlebar locker, place the four hex head screws into the corresponding holes (Picture 6).



Picture 5

Picture 6

5.5 Screw in the four screws clockwise with the hex key (Picture 7), don't screw in the screws too tight.



Picture 7

5.6 Now take the handlebar and rotate it upwards (picture 8) to the desired height, then tighten the screws. Your Bastard PRO have now assembled your Bastard PRO and you're ready to ride. (Picture 9).



Picture 8



Picture 9

Chapter 6 User Guideline

6.1 safety driving precautions

6.1.1 When riding the Bastard PRO always use protective gear, like a SPSC or CE certified helmet, protective clothing (with long sleeves and long trousers) and appropriate footwear (sneakers and make sure the laces cannot get caught in the wheels, motor or other moving components). Never ride the Bastard PRO barefoot in sandals or flip-flops.

6.1.2 Always obey traffic rules, don't ride on unsafe roads.

6.1.3 For your and other people's safety, always ride at moderate speed (12.4 miles/h).

6.1.4 Familiarize yourself with the Bastard PRO, all its features like, accelerating, braking, balancing and full utilization of the electric scooter. We recommend you to try this on an even surface in a quiet surrounding.

6.1.5 Never try performing dangerous or risky actions, like one hand riding, freestyling, etc. don't drive when you are intoxicated, by alcohol, drugs or medication.

6.1.6 Don't turn off the power abruptly, while the Bastard PRO is running.

6.1.7 Don't drive on slippery or wet roads, this could damage your Bastard PRO or cause personal injury. It will also affect the braking distance, so always keep a safe distance when driving under these conditions.

6.1.8 check the braking sensitivity before every ride. If you experience any problems with your brakes, don't drive and repair the problem or contact the service center.

6.1.9 don't overload the Bastard PRO, this can be very dangerous and could cause damage or personal injury. The maximum load is 200kg.

6.2 How to use your Bastard PRO

6.2.1 How to drive

- A. Always sit in an upright position in the middle of the seat in order to keep a good balance. Be sure not lean over too much to the back, otherwise the handlebar could vibrate.
- B. In case the conditions of the road are bad, like gravel, etc, drive slowly.
- C. Under rainy or snowy weather conditions we recommend to pay extra attention and to drive slowly. When there is much water (puddles) on the road don't drive through it, to avoid a short-circuit. Water that penetrates the Bastard PRO could damage the components and reduce the braking ability of the brakes, causing very dangerous situations resulting in accidents.
- D. Don't drive standing up.

6.2.2 operating Instructions

- A. Insert the key (picture 10) and turn it clockwise to switch the power on and turn on the LED headlight (picture 11). Don't pull out the key and turn off the power while driving, always wait until the Bastard PRO has come to a complete stop before turning off the power and taking out the key.



Picture 10



Picture 11

- B. As soon as the LCD backlight of the display turn blue (picture 12), it means it is ready to start.



Picture 12



Picture 13

- C. Turn slowly the rotating accelerator forward to adjust the speed. Always start turning the accelerator handle very slowly, never turn it abruptly forward. If you would like

to reduce your speed, turn the accelerator gently backwards (towards the driver) (picture 13), the speed will be reduced. When you come to a complete stop, the accelerator will reposition itself to its initial position.

D. When you want to sound your horn, press the left button.

6.2.3 How to park your Bastard PRO

A. When you park your Bastard PRO, always be aware of other vehicles and pedestrians. Park on a level surface and not on a slope.

B. When the Bastard PRO is parked turn around the key and take it out. Lock your Bastard PRO securely.

6.2.4 Battery status indicator

Turn on the power, at the base of the display appear six bars (picture 12). This means the battery is completely full. As soon as two bars are visible you need to recharge your battery.

6.2.5 Utilization of the brakes

A. Brake adjustment: When you feel the brake controller is a bit too loose, squeeze the brake handle tightly for several times. This might the brake controller return to its elasticity.

In case the brakes feel a little bit too tight (this could happen around 2 years after your first use) you can open the brake oil container (picture 15) with a screwdriver. Fill the oil box in DOT3 or DOT4 with brake oil, afterwards close the oil container again. After 2 -3 years of using the Bastard PRO the brake oil could become dirty, this will be indicated by the brake oil indicator. In that case you need to drain out the dirty brake oil from the outlet and refill the oil container with clean brake oil. (the brake oil container is situated near the disc brake, picture 17).



Picture 14



Picture 15



Picture 16



Picture 17

B. Brake disc replacement: Usually the disc brake and brake plate can be used for more than 100 driving hours. As soon as you feel the brakes aren't working properly, you need to contact our service center for the brake disc or the brake plate to be replaced.

- C. Period of adjustment: The disc brake needs a certain period to get adjusted. In the first week of using the Bastard PRO and its brakes, you could hear some noise coming from the brakes, this is normal. We recommend you not to squeeze the brake handle with too much force, this could damage the brake pads and/or the brake disc. Always brake gradually, to come to a complete stop.

Attention

- A. Do not use lube oil around the disc brake and brake pads nor around the caliper. Do not touch surfaces of the disc brake and brake pad, this will reduce the braking ability significantly.
- B. Do not let a new brake become wet in order to avoid the brake pads to become dirty.
- C. An hydraulic disc brake has a strong braking force, before using the Bastard PRO we advise you to practice a few times in a quiet surrounding to get used to the brakes. The hydraulic brakes are quite different from common disc brakes and need some practicing. Braking abruptly could cause damage and personal injury.

6.2.6 Utilization and precautions of the charger

- A. Charging the battery: first plug the charger into the charger port of the Bastard PRO, then plug the charger into the AC power source. The LED indicator will light up red in order to indicate that it is charging. When the LED indicator turns green it means the charging has been completed. When you are finished charging, first take out the plug from the AC power source and then take out the connector from the charger port. Do not do this procedure in the opposite way.
- B. During charging, keep the battery and the charger in a stable and cool place, the working performance of the battery ranges from 0 – 45°C. Do not cover the battery or the charger while charging. If the charging temperature is too high, the LED indicator will flash in red, indicating the charger is in protection mode. Move the charger to a cool or ventilated place to cool down. As soon as the charger reaches a temperature of 60°C you can continue to charge the battery.

Attention

- A. Use the charger only indoors.
- B. Don't charge in confined spaces, in direct sunlight or high temperature environments. Do not charge in barrels or trunks.
- C. If you are not charging, do not connect the charger to an AC power source.
- D. When during charging the charger or battery emits an unpleasant smell, overheats or the LED indicator light up in a strange way, you should stop charging immediately and contact our service center.
- E. Do not remove or modify components in the charger.
- F. Do not charge defective batteries or non rechargeable batteries.
- G. Do not use the charger in a combustible gas environment, this could cause fire or explosions.
- H. Do not keep the charger near water or do not let it become wet, this could cause fire or an electric shock.
- I. Do not touch internal parts of the charger with your bare hands, this could cause an electric shock.

6.2.7 Utilization of the battery en precautions

(1) Charging

- A. Always use the original battery charger, using a different battery or charger could damage the battery or shorten its life span.

- B. In case the battery is completely discharged (which caused the Bastard PRO to stop), 95% of the battery can be charged in 5 hours, for the battery to be recharged for a 100% it will take 8 hours.
- C. During charging, do not connect the positive or negative pole with metal.
- D. The battery capacity of a new Bastard PRO is 80%, before using it, it will take 3-10 hours to be completely charged.
- E. When the Bastard PRO will not be used for a month the battery capacity will be reduced for 5%. We recommend to recharge the battery before using it when it has not been used for some time.
- F. We recommend you to charge the battery in time, to avoid the Bastard PRO to stop during a trip.
- G. When charging, the charger can become hot, this is normal as long as the temperature of the charger does not exceed 60°C.
- H. While charging, ensure to place the charger in a stable and dry environment. Do not place near inflammable and explosive materials and do not let children near the charger.
- I. In case the battery is completely discharged, it may take up to 24 hours to completely be recharged. You should at least charge the battery for 3 hours.
- J. Don't let the charging socket short circuit.

(2) Discharging (Using)

- A. The battery for this Bastard PRO cannot be used for other purposes, otherwise the warranty will become null and void.
- B. In case you have a short circuit, the battery is equipped with a fuse protection. As soon as the short circuit has been resolved and the fuse has been replaced, the battery can work normally after around 2 minutes.
- C. In case there has been damage or in case the controller, the motor, the horn or light, etc. do not function properly, the battery will discharge abnormally. The battery will then stop output for protection and it will recover after around 10 seconds, this will not affect your driving.
- D. The battery operating temperature ranges from -10°C - 55°C, as soon as the temperature decreases, the battery capacity will also reduce, this is normal.
- E. Don't let the battery output short circuit.

(3) Storage

- A. When you don't use your Bastard PRO for a longer period (more than a month) we recommend to charge the battery to 60-80% of the capacity. In order to keep the battery charged we suggest to charge the battery every three months.
- B. Battery should be stored in a cool and dry environment.
- C. When storing the battery avoid conductive objects to come into direct contact with negative and positive poles.
- D. Do not use the battery near a fire.
- E. Do not disassemble the battery.
- F. Do not modify the battery.

(4) Warning

- A. When the battery has been deformed or is overheated, stop immediately and ask your retailer or service center for help.

- B. In case of a fire do, not throw water on the battery directly, cover the battery with sand, foam extinguisher or an in water soaked thick cloth.
- C. We don't provide a warranty on a fully discharged battery that has not been charged in time.
- D. When you have to discard of batteries, contact your local authorities about the proper way to do so.

6.2.7 Utilization of the remote control(optional)



- A. Location key: Press the location key, the horn sounds five times to indicate the position of the Bastard PRO.
- B. Start key: Press the start key twice, the horn sounds once to enter into working status. You don't need a key to start the Bastard PRO.
- C. Unlock key: Press the unlock key twice to stop the anti theft status. Under the remote control status, press the unlock key once, the Bastard PRO will stop and cut off the electricity.
- D. Setting key: Press the setting key, the horn sounds once to start the anti-burglar mode. When the Bastard PRO has been pushed or vibrates, the horn will sounds for 15 seconds, meanwhile the anti-theft system will activate the brake to stop the Bastard PRO from being moved. Press the unlock key to unlock the Bastard PRO and stop the horn.

6.3 Checking and maintenance

- A. Always check the Bastard PRO before every ride.
- B. Check previous abnormal parts to see if they will impact running.
- C. Braking effect: check if the brakes are in good working order, if you have good braking force and if they can move freely.
- D. Tires: check if there aren't any cracks, damages, abnormal wear or sharp objects in the tires, such as glass, stone, or metal, etc. replace the tire if the lugs have been worn off by 2/3. Check the tire pressure, the front and rear tire should be 1.5kg/cm² normally.
- E. Check whether the battery is completely charged.
- F. Check the steering system: Move all the moving parts from the steering system in all directions to check if there are no abnormalities, such as strange noises or friction. In case there are problems, contact your retailer or our service center.
- G. Check whether the front wheel baring shaft is not too loose.

6.4 General troubleshooting

Nr	Problem	Cause	Solution
1.	Speed regulation failure or reduced maximum speed	1. Low battery voltage 2. Accelerator is damaged 3. The spring inside the accelerator is stuck or not working	1. Charge the battery 2. Ask your retailer or service center for a replacement 3. See above
2.	Motor doesn't work when power is on	1. Battery connection wire is loose 2. Accelerator is damaged 3. Motor output wire is loose or damaged	1. Repair and reconnect the wire 2. Ask your retailer or service center for a replacement 3. See above
3.	Cannot drive very long distances when fully charged	1. Low tire pressure 2. The battery has not been fully charged or charger is damaged 3. The battery is old or damaged 4. Bastard PRO needs much power, due to hills, wind, frequent braking, heavy load	1. Adjust the tire pressure 2. Charge the battery or replace the charger 3. Replace the battery 4. When driving conditions change, the problem will resolve
4.	Charger doesn't work	1. Charger plug has fallen out or the connection between charger and battery sockets is loose 2. The fuse from the battery has burnt 3. Battery connection wire has broken	1. Fasten socket or plug 2. Replace the fuse in the battery box 3. Weld battery connection wire
5.	Other problems	1. If the problem is unclear 2. Internal damages to motor, battery, controller, etc.	Contact your retailer or our service center for assistance. Do not repair it yourself it will render the warranty null and void

Chapter 7

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Information for the user : The Bastard PRO has been tested and complies to the limit values for digital devices class B, as meant in part 15 of the FCC agreement. This implies that the electronic circuit of the Bastard PRO offers protection against interferences.

Please note that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Furthermore, extra parts which are installed are not covered by the warranty, no rights can be derived from these extra installed parts.

Chapter 8 Warranty Information

This warranty is only valid in the Netherlands.

This product is supplied with a 6 months warranty on the battery.

A warranty of 1 year will be supplied to manufacturing costs and wages.

8.1 The condition of this warranty and our responsibilities under this warranty are as follows:

Supplier's warranty is non-transferable. And this warranty is limited to the original purchaser only.

- ❖ You must be able to prove the date of original purchase of the device with a dated receipt.
- ❖ The warranty is not applicable if the product has been subject to physical abuse, improper installation, modification or repair by unauthorized third party.
- ❖ The responsibility of supplier's products shall be limited to the repair or replacement of the product at its sole discretion.
- ❖ Specifically exempt from any warranty are limited-life consumable components subject to normal wear and tear such as tires, decorates and other accessories.
- ❖ A supplier will not take any responsibility if the failure of the unit has resulted from accident, abuse, misuse, or any unauthorized repair, modification or disassemble.
- ❖ Modification and repair of the device should be done by authorized and qualified service personnel or returned to the manufacturer.
- ❖ This warranty gives you specific legal rights, and you may also have other rights which vary under local laws.

The following conditions comprise the requirements and scope of our warranty conditions and do not affect our legal and contractual warranty obligations.

8.2 Warranty accordance

- 1) The warranty does not cover over-charging, or damages due to improperly maintaining lithium-ion battery installed in unit. The warranty does not cover tires and other parts, which are considered consumables, parts that break easily such as glass or plastic or defects based on normal wear and tear. There is no warranty obligation in the event of marginal differences compared to the target appearance and workmanship provided these have a negligible effect on the product's fitness for use, in the event of damage caused by chemical or electrochemical effects, by water or generally from abnormal conditions.
- 2) The warranty will be performed in such a way that we shall decide whether to repair the defective parts or to replace them with working parts free of charge. The manufacturer reserves the right to exchange the product for a replacement product of equal value if the product sent in cannot be repaired within a reasonable time or at a reasonable cost. Parts that have been replaced or exchanged become our property.
- 3) The warranty claim does not apply if repairs or other work is carried out by unauthorized persons or if our products are equipped with additional parts or accessories that are not approved for our product.
- 4) Warranties that have been activated do not cause the warranty period to be extended, nor do they trigger a new warranty period. The warranty period for any replacement parts installed ends with the warranty period for the entire product.
- 5) Any other further claims are excluded, especially those for replacement due to damage caused to the outside of the product, provided there is no obligatory legal liability.

We therefore accept no liability for accidental, indirect or other consequential damage of any kind, which leads to usage restrictions, data loss, and loss of earnings or interruption to business.

Furthermore, extra parts which are installed are not covered by the warranty, no right can be derived from these extra installed parts.

8.3 Asserting a warranty claim:

- 1) To make use of the warranty service for hardware issues, you must contact our Service Center by email. Please be sure to describe your complaint as clearly as possible, enclose photo's (if possible), the serial number, your proof of purchase, point of sale as well as your address.
- 2) We will try to diagnose and solve your problem. If it is determined that a warranty claim exists, you will be given an RMA number (Return Material Authorization) and will be asked to send the product to the supplier.

IMPORTANT: We will only accept parcels that have an RMA number.

Please observe the following when sending the product:

- 1) Make the product ready for transport, so that the product is well protected. Do not

enclose any accessories with the product (cables, chargers, manuals, etc.) unless our Service Center specifies otherwise.

- 2) Mark the RMA number on the outside of the package in such a way that it is visible and clearly legible.
- 3) You must enclose a copy of the sales slip as proof of purchase.
- 4) As soon as the product has been received by our service center, the supplier, after examination, will decide whether the reparation will be performed under warranty, or if the reparation costs will be charged to the owner, in that case the owner will have to pay these costs in advance.

Service outside of warranty

We shall refuse any service claim made that is not covered by the warranty.

If the supplier agrees to provide a service outside the warranty, the customer will be charged for all repair and transport costs. The supplier will not accept any packages that have not first been approved by the supplier by means of an RMA (Return Material Authorization).

Please refer to our website for the latest version and for full terms and conditions.

ATTENTION: please check with local authorities whether or not the use of this product on the public road is allowed

8.5 Warranty card

Manufacturer		Tel	
Address			
Product Name			
Model		Color	
Motor No.		Quality approval	
Battery No.		Inspector	
Controller No.			
Unique Code			
Distributor Name		Post code	
Distributor License		Tel	
Distributor Address			
Distributor comments and signature			
Buyer Name		Mobile	
Post code		Email	
Buyer Address			
Purchase way	Introduction by friends Advertisement Magazine Exhibition Order placement by internet Other		
Problem description			
Expecting problem resolved date			
Return Material Authorization No.		User Signature	