

2020 OWNER'S MANUAL



IMPORTANT – PLEASE READ THE MANUAL BEFORE
USING YOUR ELECTRICALLY ASSISTED BICYCLE

CONGRATULATIONS ON YOUR RECENT PURCHASE OF A EBZE ELECTRIC VEHICLE.



Light, efficient and safe, it will provide you with an unequalled electric vehicle experience. Whether you choose to pedal normally, to get electric assistance as you pedal or to have your bike travel under electrical power alone. You can be sure that as you ride your electric bike, you will enjoy all the quality features that make it the number one electric bike in its category.

TABLE OF CONTENTS

GENERAL INFORMATION

Notice to the Owner.....	6
EBZE Limited Warranty.....	10
Regulations.....	13
Practical Suggestions.....	16
Batteries.....	17
Tips.....	20

MODEL CC48 / CT48 48 VOLTS

Description.....	22
Assistance (5 levels).....	23

INSTALLATION

Completing the assembly.....	26
------------------------------	----

EBZE
www.ebze.ca

The EBZE name and the corresponding logo are registered trademarks.
Copyright © 2020 EBZE All Rights Reserved.

YOUR BICYCLE IS PART OF THE NEW GENERATION OF EBZE ELECTRIC VEHICLES.

Important: This manual contains information regarding safety and operation of your electric vehicle. Please be sure to read and fully understand all instructions in this manual before using your electric vehicle. Non-compliance with these instructions could cause damages to your electric vehicle, its accessories or other property and improper operation could cause injuries or even death.

This manual was prepared to show you how to take full advantage of your EBZE vehicle. It contains the latest product information and available equipment characteristics, and will help you to operate it correctly.

EBZE reserves the right to make changes to this manual at any time by using different pictures or supplied instructions.

If you encounter a problem while using your electric bicycle or tricycle, please communicate with EBZE at the following e-mail address:
support@ebze.ca

If you have any questions, suggestions or recommendations, please communicate with us by e-mail at:
support@ebze.ca

Finally, we invite you to keep informed about all the latest electric bicycles offered by EBZE by visiting our website regularly:
www.ebze.ca

1 APPLICATION

The EBZE Company or a EBZE affiliate (hereafter referred to as 'EBZE') notifies the owner or the user (hereafter known as 'Owner') of an Electrically-Assisted Bicycle (hereafter referred to as 'EAB') of the EBZE disclaimer of responsibility and of the risks and danger of the EAB and of the means to protect against them following the purchase of the EAB.

COMPLIANCE OF PRODUCTS TO APPLICABLE LEGISLATION

EBZE warrants its EAB conform to laws and norms applicable in the Province of Quebec. For any purchase with a view to using the EAB outside the Province of Quebec, the Owner must personally verify the details of the legislation effective in the country, state, territory or province concerned, for the applicable norms, declarations, interdictions and other requirements of said legislations. The liability of EBZE shall not be engaged in case of non-compliance with the legislation of the country, the state, the territory or the province where the product is delivered and/or utilized, it is the owner's responsibility to check with local authorities.

SAFETY PRECAUTIONS DURING USE

EBZE recommends that the Owner operate the EAB and ride it on a closed circuit course for a duration of between six (6) and twelve (12) hours, depending on the user's level of experience, to allow the Owner to become familiar with the operation of the EAB and sufficiently skilled in the use of it to safely ride their EAB.

EABs were not designed, developed, distributed or sold for professional or commercial use, nor to be used for stunts, ramp acrobatics, jumps, aggressive riding or riding in excessively rigorous conditions such as: Canadian winter conditions (with the bike in contact with ice, water, salt, sand and calcium) and if traveling to tropical destinations, contact with sea salt or riding with heavy loads, or for any other similar activities.

Consequently, non-compliance with these instructions and recommendations renders EBZE warranties null and void and exonerates EBZE from any liability toward the Owner.

NOTICE TO THE OWNER

INFORMATION REGARDING RISKS AND DANGERS AND WAYS TO GUARD AGAINST THEM

In order to minimize all risks and dangers from electrocution and to guard against any fire, burn, damage, prejudice, injury or injury that could cause death and that could result directly or indirectly from the battery of the EAB, the general precautions regarding electrical devices are applicable.

The slightest electrical discharge can cause serious injuries and you must read all the instructions with care.

Without limiting the generality of the preceding, and in addition to the instructions in the Owner's Manual, EBZE recommends that you never touch hot surfaces, use only the battery and the original charger recommended by EBZE. Never expose the battery or the charger to heat, never dismantle or modify the battery or the charger, do not expose the battery or the charger to liquids, do not use a damaged battery or charger, do not stop charging the battery if the charge is incomplete at the end of the theoretical charging time.

Stop use of the battery and charger if they emit an unusual odour, become hotter than usual or if something seems abnormal. Never leave the battery and charger where they can be reached by children, and here we urge that extreme vigilance is necessary in this regard, never touch the battery or charger with wet hands, never turn on the battery or charger if they have damaged cables or tie downs or if the battery or charger has any kind of malfunction or has been damaged in any way. Always take the battery and charger back to EBZE for maintenance, examination, repair or setting, always make sure to correctly connect the charger to the battery and the charger only to alternating current to a 110 A.C. power supply.

Do not use a battery or charger if they are dusty, do not use the charger with other than the specified current and do personally check the battery and charger for any damage. Do not leave the battery and charger near an

electrical heating appliance, a gas or microwave appliance, do not touch the charger or the battery for too long during battery charging, do not position the charger or the battery in an unstable manner and do not cover the battery or the charger or hang anything from them. Never use the battery and charger for any use other than the one for which they have been designed.

In order to minimize all risks and dangers and to guard against any damage, prejudice, injury and injury that could cause death, EBZE recommends the Owner ride carefully on bicycle paths and not on public roads.

Even if the local competent authorities allow riding on public roads, the Owner will do so at his or their risk and peril. In addition to the general rules that apply to riding on bicycle paths or public roads, the Highway Safety Code, L.R.Q. chap. C-24.2 contains special provisions for users of EAB and these must be followed to protect against all risks and dangers that are inherent to the use of an EAB.

The EAB must be checked periodically by a EAB technician as part of regular maintenance and to spot stress and/or potential failures including but without limiting the generality of the preceding, cracks, deformations, corrosion, paint chipping dents and for any other indications of potential problems, improper use or abuse. These periodic inspections are proven essential safety measures that can prevent accidents and injuries to the Owner.

Negligence or non-compliance with these regulations can cause serious injuries to the Owner and may, in certain cases, cause death. Consequently, non-compliance with these instructions and recommendations renders the warranties given by EBZE null and void and exonerates EBZE from all liability toward the Owner.

GENERAL DISCLAIMER OF RESPONSIBILITY

EBZE shall not be responsible for damages of any kind, whether material, immaterial or corporal, sustained by the Owner including loss of time, loss of income, trouble and inconvenience that might result from:

- Improper operation of the EAB;
- Non-compliance with the instructions and recommendations contained in the Notice to the Owner and in the Owner's Manual;
- Any handling-related incident whether involving error or not;
- Any abnormal use or use which does not conform to the EAB's designed purpose.
- Any cause of exterior origin.

EBZE advises the Owner that using the EAB entails inherent risks and dangers that the Owner agrees to assume completely whatever their nature. The Owner accepts to hold EBZE harmless from any liability and to solely assume liability for any damage of whatever nature that he might sustain or that the Owner might cause to a third party.

The Owner renounces any claim and any procedure, of whatever nature, against EBZE, in the event of losses, damages or injuries of any kind that he or she might sustain while using the EAB and this applies before, during and after said use.

APPLICABLE LAWS AND COMPETENT TRIBUNALS

All disputes or disagreements that might arise following the purchase of the EAB shall be subject to the laws that apply in the Province of Quebec. Parties shall elect domicile in the Montréal Judicial District, Province of Québec, for the hearing of any claim pertaining to interpretation, application, conclusion, terms, validity and effects of the warranty.

French is the working language at EBZE. An English version of this text is available but should a dispute arise about interpretation the French text shall prevail as the reference.

1 APPLICATION

By the present, the EBZE Company or a EBZE affiliate (hereafter referred to as 'EBZE') gives notice to the owner or the user (hereafter referred to as 'Owner') of an Electrically Assisted Bicycle (hereafter referred to as 'EAB') of the provisions of the limited warranty that EBZE offers the Owner following the purchase of the EAB from EBZE.

WARRANTY AGAINST HIDDEN DEFECTS

EBZE warrants to the owner that every EAB, when new, is exempt from hidden defects. Should the Owner discover what he believes is a hidden defect, he must notify EBZE in writing within three (3) days from the moment when the Owner first becomes aware of said defect in order to give EBZE the opportunity to correct said defect if possible, at the sole discretion of EBZE and provided EBZE can establish said hidden defect is present before the expiration of the warranty.

WARRANTY AGAINST APPARENT ANOMALY

The Owner must verify the apparent condition, the quantity and the contents of the EAB following the purchase and, on the same day, must immediately proceed with a complete inspection of the EAB with help from the Owner's Manual. If there is damage, if a part is missing or is damaged, if the EAB is broken, or if there are other problems of the same kind (hereafter known as: 'Apparent anomaly'), the Owner must contact and notify EBZE immediately and within three (3) days from the date of purchase by registered letter, a receipt for which must be kept for reference. Should the Owner not advise of the Apparent anomaly within the prescribed time period, EBZE shall not be responsible for any prejudice suffered by the Owner due to the Apparent anomaly and the EAB shall be deemed free of any Apparent anomaly when purchased and the Owner deemed satisfied with the purchase.

EBZE LIMITED WARRANTY

PROPULSION SYSTEM WARRANTY

EBZE warrants to the Owner that the propulsion system included with the EAB, when new, is in good working condition. This warranty shall expire twelve (12) months following the purchase date of the EAB. The propulsion system is defined as including the control display, the accelerator components, the motor, the wiring cluster parts and the electric cables.

FRAME

EBZE warrants to the Owner that the frame of the EAB, when new, is free from defects in materials and workmanship. This warranty shall expire twelve (12) months following the purchase date of the EAB. The bicycle's frame excludes the battery, all the electric components, the paint and finish, the front fork, the wheels, the tires, the drive train, the brakes, the saddle post, the handlebar and stem and any suspension component or part.

USEFUL LIFE WARRANTY

As for any other consumer good, the EAB has a useful life cycle. The length of the useful life cycle can vary depending on the criteria chosen for workmanship and materials of the EAB as well as the kind of use and frequency to which the EAB has been subjected. However, EBZE advises the Owner that the maintenance and upkeep performed on the EAB during its useful life cycle are very important as a means of prolonging the useful life cycle of the EAB. Consequently, EBZE advises the Owner that the EAB must be checked periodically by a technician as general maintenance of the EAB and as a means of detecting stress and/or potential failures including, but without limiting the generality of the preceding, cracks, deformations, corrosion, paint chipping, dents and any other indications of potential problems, improper use or abuse. These regular verifications are important safety checks and they are essential in helping to prevent accidents, bodily injury and premature reduction of the useful product life cycle of the EAB.

VALIDITY OF THE LIMITED WARRANTY

Without limiting the generality of the preceding, the EBZE Limited Warranty excludes components of the EAB that are damaged by an error or negligence in the maintenance of the EAB and its components or resulting from a use that does not conform to the Notice to the Owner and to the EBZE Owner's Manual by the Owner. With the exception of the parts specifically mentioned in the present Limited Warranty, the purchase of the EAB is made at the risk and peril of the Owner.

DURING THE WARRANTY PERIOD, SHOULD THERE BE A PROBLEM WITH YOUR EAB, YOU SHOULD CONTACT US AND WE WILL SUPPLY PARTS.
support@ebze.ca

EBZE warrants to the owner that the battery included with the EAB, when new, is in good working order. This warranty shall expire twelve (12) months following the purchase date of the EAB for a Lithium battery.

THE BATTERY MUST BE CHARGED AT LEAST EVERY TWO MONTHS

SHOULD THESE INSTRUCTIONS NOT BE FOLLOWED, THERE IS A RISK OF BATTERY MALFUNCTION AND THIS WILL NOT BE COVERED BY THE LIMITED WARRANTY.

EBZE
support@ebze.ca
www.ebze.ca

TRANSPORT CANADA REGULATIONS FOR THE PROVINCE OF QUEBEC* AND THE MARITIME PROVINCES

- The use of an approved bicycle safety helmet is mandatory at all times while riding an electrically-assisted bicycle.
- The minimum age for the legal right to ride on an electric bicycle or tricycle is 14 years.
- It is mandatory for persons aged 14 to 18 years to have a permit for mopeds and motorized scooters.
- A permit is not required for adults aged 18 and over.
- An electric bicycle or tricycle must be equipped with pedals and its power must not exceed 500W.
- The maximum speed on level ground allowed for an electric bicycle in its powered mode is 32 km/h.
- Riding an electric bicycle or tricycle is allowed in most area where bicycles are authorized.

* For use outside of the Province of Québec, the user must personally check the details of the legislation applicable to the country, state, territory or province concerned, whether for norms, declarations, interdictions and other requirements of such legislation.

REGULATIONS

ONTARIO REGULATIONS*

- The use of an approved bicycle safety helmet is mandatory at all times while riding an electrically-assisted bicycle.
- The minimum age for the legal right to ride on an electric bicycle is 16 years.
- An electric bicycle must be equipped with pedals and its power must not exceed 500W.
- The maximum speed on level ground allowed for an electric bicycle in its powered mode is 32 km/h.
- Riding an electric bicycle is allowed in most areas where bicycles are authorized.

* For use outside of the Province of Ontario, the user must personally check the details of the legislation applicable to the country, state, territory or province concerned, whether for norms, declarations, interdictions and other requirements of such legislation.

BRITISH COLUMBIA REGULATIONS*, MAC (Motion Assisted Cycles)

- The use of an approved bicycle safety helmet is mandatory at all times while riding an electrically-assisted bicycle.
- The minimum age for the legal right to ride on an electric bicycle is 16 years.
- An electric bicycle must be equipped with pedals and its power must not exceed 500W.
- The maximum speed on level ground allowed for an electric bicycle in its powered mode is 32 km/h.
- Riding an electric bicycle is allowed in most area where bicycles are authorized.

* For use outside of the Province of British Columbia, the user must personally check the details of the legislation applicable to the country, state, territory or province concerned, whether for norms, declarations, interdictions and other requirements of such legislation.

USING AN ELECTRIC BICYCLE

As indicated in the Notice to the Owner, it is essential that you become familiar with the use of your EBZE bicycle before riding it in traffic. You must get used to riding your electric vehicle in a controlled area that is away from traffic and various other obstacles that might be encountered during a bike ride.

It is strongly recommended that you get a good quality locking system for your EBZE and that you ask a specialist about the best means of protecting against theft.

An annual inspection of your EBZE together with maintenance and lubrication are suggested to optimize the vehicle's performance.

TIRES

Regularly check the pressure of your tires so that they have the correct pressure as suggested by the manufacturer (the recommended pressure is shown on the side of the tire).

Each pound of pressure below the recommended amount will reduce your battery's range by 1 km.

BATTERIES

To properly use, maintain and store your battery, it is important that you read the instructions contained in the 'Batteries' section of this manual.

When the time comes when your battery must be replaced, please be environmentally-conscious and bring it to a recycling facility.

PRACTICAL SUGGESTIONS



EBZE

BATTERY TYPES PER MODEL :

Central battery F10 : 48V/14 Ah

IMPORTANT : For safety recommendations in the handling and use of the battery and charger, please refer to the Notice to the Owner. (Page 6)

All EBZE electric bicycles use the most up-to-date battery technology that can be found on the market and they all use 48V Lithium batteries.

BATTERY CHARGING PROCEDURE :

1. Connect the charger to the battery.
2. Plug the charger to an 110V AC outlet (alternating current).
A red light on the charger will glow to indicate it is in charging mode; when the battery is completely charged, a green light on the charger will glow.
3. Always disconnect the charger from the 110V AC outlet first then disconnect the charger from the battery. (Make sure you connect and disconnect the cables in the correct sequence as explained above).

A full charge may require up to 2 hours without interruption.

LITHIUM BATTERIES 48V

CAN THE BATTERY BE CHARGED AT ANY TIME OR IS IT BETTER TO WAIT UNTIL IT IS COMPLETELY DISCHARGED ?

You may charge your battery at any time, as this type of battery does not have any 'memory effect' and the charger is of the 'smart type'; it will stop charging by itself once the battery is fully charged, however it is essential to never leave the battery connected to the charger for more than 24 hours.

WHEN SHOULD THE BATTERY BE CHARGED ?

It is recommended to charge the battery as needed. For instance, if you only use your electric vehicle for brief periods of time and for short rides, the battery may only require to be recharged following several such rides. If you are planning a long ride of 40 km or more, it is recommended to fully charge your battery before leaving. Generally speaking, if the battery charge indicator on the handlebar or on the battery indicates there is less than a 50% charge remaining, charging of the battery is recommended.

WHAT SHOULD BE DONE IN WINTER TO MAINTAIN THE BATTERY IN GOOD CONDITION?

During long periods when you will not be using your EBZE, store the battery inside your house after charging it completely for about 2 hours; afterward, you must charge your battery for one hour every (2) two months.

Always use the Lithium charger supplied by EBZE with a EBZE Lithium battery, otherwise your charger and your battery might be damaged.

HOW TO STORE YOUR BATTERY ?

Do not expose it to extremes of heat (more than 40°C) or cold (-10°C) or to damp conditions (rain, water, garage, shed, hangar or unheated basement).

Even though your battery is of the so-called 'no-memory' type, it is advisable to recondition it at regular intervals by running it down and recharging it completely (2 hours).

YOU MUST AVOID USING AN EAB DURING THE WINTER (FOR YOUR SAFETY AND FOR PROPER FUNCTIONING OF YOUR EAB). AVOID SALT, SAND, CALCIUM, WATER AND ICE AS YOUR EBZE WILL PERFORM MUCH BETTER. USING YOUR BICYCLE IN SUCH CONDITIONS WOULD ALSO VOID YOUR WARRANTY.

IMPORTANT

NEVER LEAVE THE BATTERY CONNECTED TO THE CHARGER AND TO AN ELECTRICAL POWER OUTLET FOR MORE THAN 24 HOURS. THIS COULD DAMAGE THE CHARGER AND THE BATTERY.

NEVER CONNECT YOUR BATTERY AND YOUR CHARGER TO AN ELECTRICAL OUTLET FOR AN OVERLY LONG PERIOD OF TIME (DURING THE WHOLE WINTER FOR INSTANCE). THIS WILL DAMAGE YOUR BATTERY AND YOUR CHARGER. THIS MUST ABSOLUTELY BE AVOIDED.

MINIMUM BATTERY MAINTENANCE SCHEDULE

It is essential that you look after battery maintenance at regular intervals. This is particularly important during the winter, when you are not using your bicycle for long periods.

THAT'S ALL THERE IS TO IT.
CHARGING YOUR BATTERY FOR 1 HOUR EVERY 60 DAYS
WHENEVER YOU'RE NOT USING IT IS THE MOST IMPORTANT
THING TO REMEMBER!

EBZE recommends that the Owner operate and practice with the EAB for a period of six (6) to twelve (12) hours on a closed track, depending on the skill of the user to familiarize themselves with the use of the EAB. This is suggested to develop sufficient skill as to be able to operate the EAB safely in all conditions.

WEARING A HELMET IS MANDATORY IN CANADA WITH ANY EAB.

TIRES

Regularly check the tire pressure to ride with tires inflated to the pressure suggested by the manufacturer (see recommendations on the sidewall of the tire). For every pound of air lesser than the recommended standard, you reduce your range by 1 km.

BATTERIES

1. LG 48V / 10.4 Ah Lithium Battery (500Wh) without memory which can be charged at any time. With a full charge, you should do around 80km range, on asphalt pavement, 20km/h, no headwind with a load of 80Kg.
2. For maximum use, please charge your battery when it is at 75% usage.
3. Allow your battery to charge until it's full. We recommend charging the battery overnight and the Smart Charger will stop the charge when it is completed.
4. During the winter, charge your battery every 2 months to maintain the quality and endurance of the battery.


TIPS



E48

Affordable, Accessible and Amusing!

A quality bicycle for daily use. Choices of analog LCD panel and a battery, thus adding distance to thrill of the ride!

1. 48V / 500W brushless motor
2. Alloy frame
3. LG Lithium Battery
4. Throttle
5. Control LCD Panel
 - 
 - 5 Assistance mode (0 and 1 to 5)
 - Cruise Control
 - Battery Level
6. Double wall 26 inch wheels
7. Kenda tires 26 x 2.00 with K-Shield Protection
8. Single rear carrier
9. Shimano derailer 8 speed derailleur
10. Crank 52T set
11. Front and rear hydraulic disc brakes with motor cut-off
12. Seat post suspension 30.4mm x 300mm
13. Alloy stem
14. Front and rear fenders
15. Front LED light
16. Rear LED light (2 - AA battery)
17. Bicycle weight (without battery) 21,0 kg
18. Battery weight 3,7kg

Specifications could change without warning.

Speed & Distance (Under ideal conditions*): Potential Speed up to 32 km/h
Range:

Without pedalling (Throttle only): 40 km per battery depending on battery choice, with a complete charge and in ideal conditions.

Level 2 Pedal Assist Mode: 80 km per battery depending on battery choice, with a complete charge and in ideal conditions.

*Ideal conditions: These apply for an 85kg person riding on paved and level roads, without headwinds and with tires inflated to manufacturer's specifications (see recommended pressure on side of tire), at 20km/h.

DESCRIPTION

WITHOUT PEDALING MODE

To activate the throttle, the level of assistance must be between 1 and 5.



While stopped or moving, simply press the thumb throttle on the left of the handlebar to move forward. To climb some slopes, it is possible that you may have to pedal more. Range will decrease depending on the type of road surface, number and degree of slopes, wind force and direction, tire pressure, rider weight and speed above 20 km / h.

ASSISTANCE MODE

Use this mode whenever you want to enjoy the benefits of power assistance that makes pedaling easier. (This mode allows for a greater range on the same charge.)

ASSISTANCE (5 LEVELS)



- Position 0
When you pedal, the engine will not start.
- Position 1
When you pedal, the engine starts, providing around 10% assistance. This requires slightly less effort to circulate, for example, on a flat path at low speed.
- Position 2
When you pedal, the engine starts, providing around 15% assistance. This requires less effort, for example, on a flat path at low speed with a light headwind.
- Position 3
When you pedal, the engine starts, providing around 40% assistance. This requires less effort to climb a small slope.
- Position 4
When you pedal, the engine starts with around 75% assistance. This requires less effort to climb an average slope.
- Position 5
When you pedal, the engine starts, providing around 100% assistance. This requires less effort to climb steep slopes or to face strong head winds.

CRUISE CONTROL

Press on thumb throttle (on the left of the handlebar) until you reach the desired speed, then hold that speed and press the down arrow on the control panel for a few seconds until you see the cruise control indicator in the display (on top), then release the throttle handle and the speed will be maintained. To deactivate the cruise control, press the brake lever.



SET COUNTER (TRIP) TO 0

Press the SET button for 3 seconds, then navigate to option 0. Hold the down arrow to reset the counter.



Your EBZE E48 has been checked just before shipping to ensure that you have an electric bike in good condition.

To complete the assembly, you only have to install the pedals and the stem. You can also adjust the height of the handlebar and the position of the saddle for optimal comfort.

For ideal positioning and assembly, we recommend you go to a bike retailer and they will take care of you.

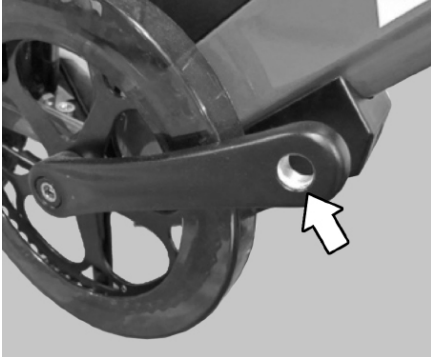
FRONT AND REAR LIGHT ACTIVATION

Press the on / off button to turn the light on or off.



COMPLETING THE ASSEMBLY

INSTALL THE PEDALS



Please use the supplied 15mm wrench to install the pedals. Also, be sure to install each pedal on the correct side of the bike. Both pedals are stamped "L" and "R" for left and right on the side of the pedal axle.

Make sure you can thread the pedal into the crank arm with your fingers so as not to cross thread the pedals then Securely tighten the pedals by turning clockwise for the right pedal and counterclockwise for the left pedal.

STEM AND HANDLEBAR

Use the 6mm allen key supplied in the pedal box

Align the stem and the front wheel so that it is centered correctly
Make sure you do not exceed the maximum height of the stem.



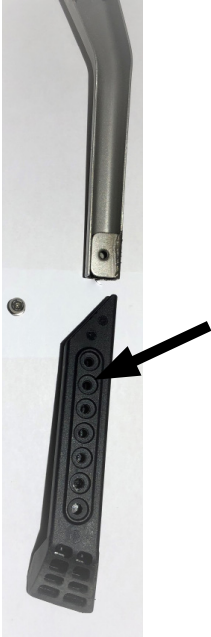
Allen screw 6mm
18-20 N m



Maximum height

COMPLETING THE ASSEMBLY

ASSEMBLE THE BICYCLE QUICK STAND



Please use the supplied 4mm allen key.
Use the second hole as indicated on
the picture.

Bold should be tightened to 3-5 N m.

THANK YOU AGAIN FOR
CHOOSING EBZE AND
DO NOT HESITATE TO
CONTACT US FOR ANY
QUESTIONS!

support@ebze.com
1 844 678-3246

support@ebze.com
www.ebze.ca