



Welcome to the  
MB Crew!



*Let's Get You Started*

*Vacay* 



Vacay 



# ***WELCOME TO THE MB CREW***

Hey it's Michael Blast here!

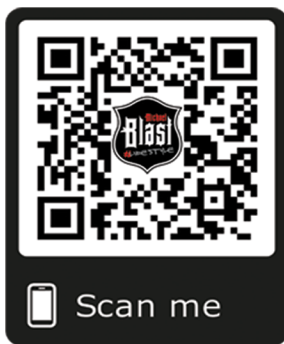
I would like to personally welcome you to our MB Crew.

Have a read of the owners manual to make sure you get the most out of your new ride

Come and join our dedicated MB Crew facebook group and connect with others in your area to organise rides and other cool events

You are now a part of the Michael Blast revolution

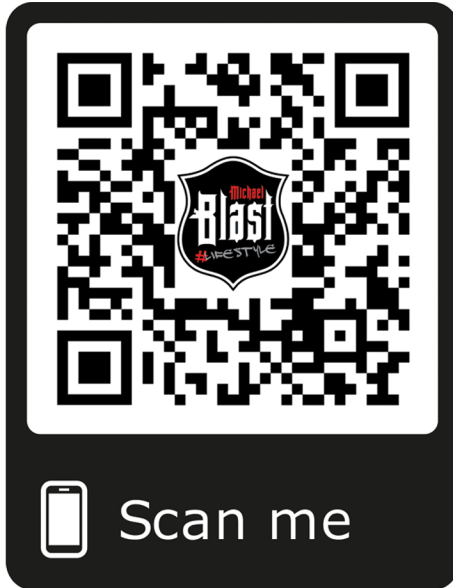
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***Scan the QR code and find out how to join our dedicated MB Crew Facebook Group***



**REGISTER YOUR MICHAEL BLAST  
PRODUCT & GET DISCOUNTS!**



[www.mb-register.com.au](http://www.mb-register.com.au)

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# CONTROLS



LCD Display

Rear Brake

Pedal Assistance Level

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## **QUICK TIPS**

### **Charging**

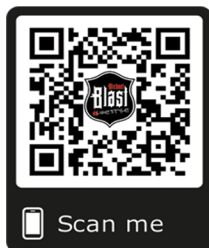
NEVER charge your battery for more than 12hrs  
NEVER charge your battery after a short ride of  
less than 10km from a fully charged state

### **Riding**

AVOID riding in the rain  
ALWAYS wear a helmet

### **Maintenance**

GET your bike serviced every 3 months  
REGULARLY check for loose hardware  
CONTACT your dealer if you need warranty support



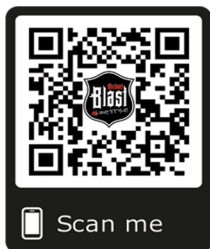
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# VACAY PARTS DIAGRAM



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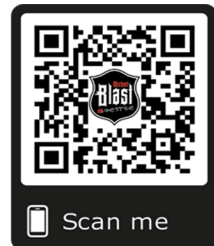
# VACAY ASSEMBLY STEP 1



Using two people carefully lift the bike out of the box

**CAUTION!** The bike weighs 25kg and **MUST** be lifted out of the box by a minimum of (2) persons so as to avoid damage to the bike and to prevent personal injury

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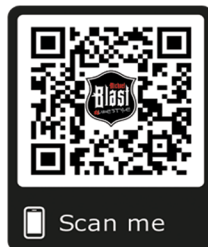
## VACAY ASSEMBLY STEP 2



Carefully install the handlebars using a 4mm allen key by tightening the (4) allen head screws that retain the stem clamp.

***CAUTION! Ensure the handlebar stem clamp is tight enough so as to hold the handlebars to stop them from moving when firm downwards pressure is applied to the handlebars***

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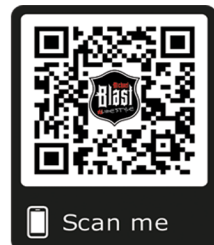
## VACAY ASSEMBLY STEP 3



Place the bike on a flat surface have a second person support the bike and install the front guard using a phillips head screwdriver

***CAUTION! It is best to use 2 people to install the front guard, one person to install the guard the other to support the bike, a drop of threadlocker can be used to prevent the screws loosening over time***

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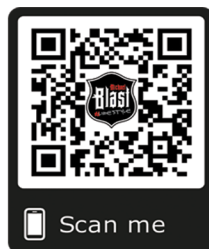
## VACAY ASSEMBLY STEP 4



Install the front wheel and tighten the axle nuts with a 15mm spanner

**CAUTION!** 2 Persons should be used to enable easy installation of the front wheel, One to install the wheel the other to hold the bike steady

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## VACAY ASSEMBLY STEP 5



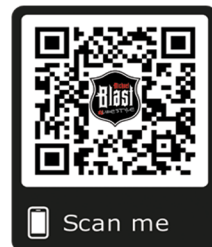
Install the supplied pedals to the crank arms using a 15mm spanner, apply a thin film of multi purpose grease to the threads to prevent galling and crossthreading of the threads

***CAUTION! The pedals are stamped (L) for Left and (R) for Right.***

***The Left pedal has a left handed thread and needs to be tightened anti-clockwise***

***The Right pedal has a regular thread and needs to be tightened clockwise***

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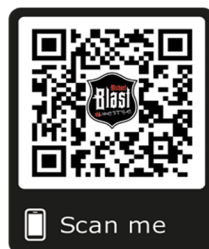
## VACAY ASSEMBLY STEP 6



Final important checks before your first ride.

1. Check all hardware and ensure everything is tight
2. Check your tyre pressures
3. Check your brakes are operational
4. Ensure you have read this manual entirely
5. Ensure you charge your battery for at least 12hrs for the first time
6. Adjust your seat height to the desired position

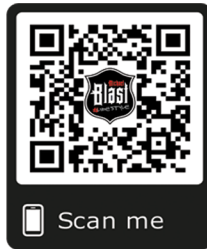
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# ***HOW TO CHECK YOUR TYRE PRESSURE***



The recommended tyre pressure is written on the sidewall of the tyre

***CAUTION! DO NOT Over inflate your tyres as serious damage could occur to the tyre as well as personal injury due to over pressurisation***

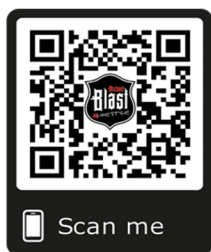
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# ***HOW TO CHARGE YOUR BATTERY***



The charge port is located on the right hand side of the bike plug the supplied charger cord into the charge port prior to turning the charger on at the mains power outlet.

***FIRST INITIAL CHARGE - 12hrs  
EVERY OTHER TIME - up to 6hrs***

Charge your battery at least once per month  
***ONLY charge your battery when the LCD display shows 3 bars of charge or less on the battery level indicator***

***Failure to follow the above procedure could cause damage to your battery!***

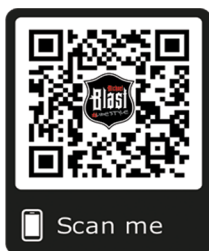
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## ***IMPORTANT BATTERY CHARGING TIPS***

- DO NOT** - Leave your battery on charge for more than 12hrs
- DO NOT** - Cover your charger with anything whilst in use
- DO NOT** - Charge your battery after short rides of less than 10km from a fully charged state
- DO NOT** - Get your battery wet
- DO NOT** - Drop your battery
- DO NOT** - Use any other battery charger other than the one supplied
- DO NOT** - Charge your bike if the charger OR battery is damaged
- DO NOT** - Discharge your battery past its low voltage cut-off

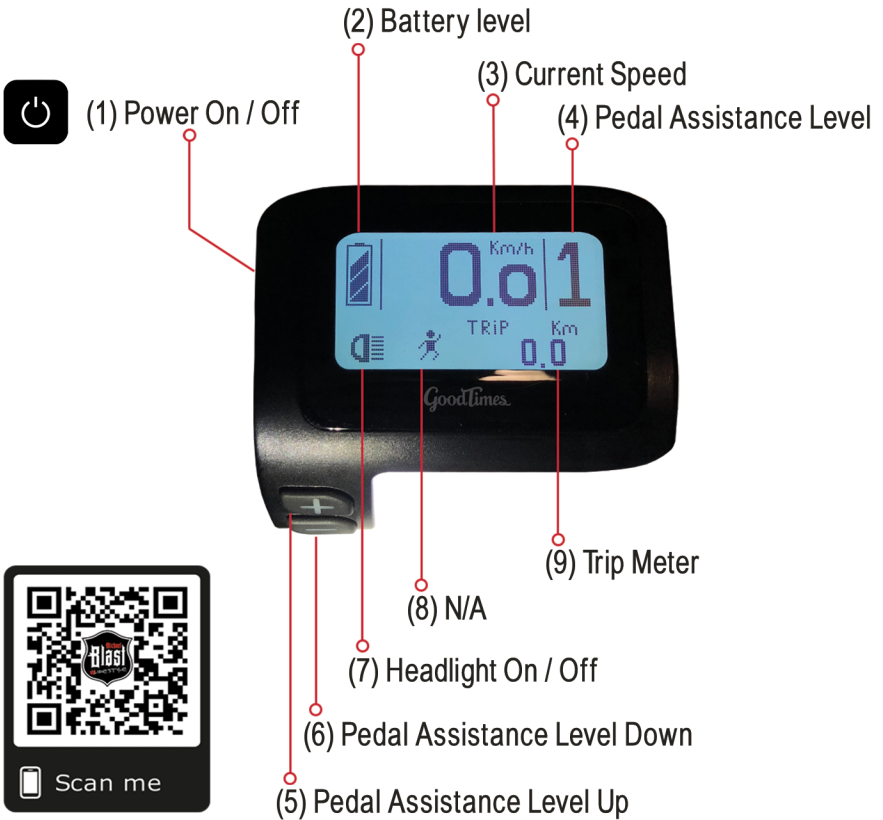


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# LCD DISPLAY / BUTTONS



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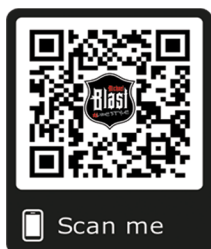
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## **HOW TO TURN YOUR VACAY ON / OFF**



(1) Power On / Off



Press and hold the power button (1)  
for 3 seconds to power your bike On

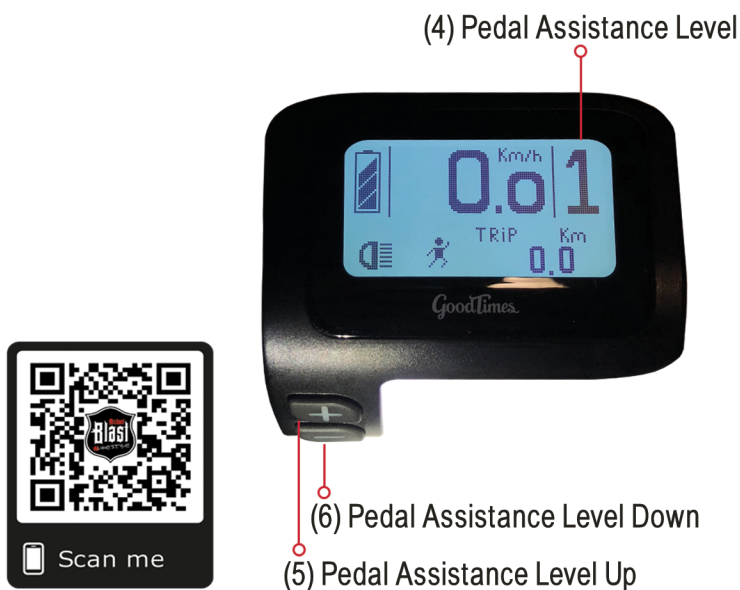
Press and hold the power button (1)  
for 3 seconds to turn your bike Off

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# HOW TO ADJUST THE PEDAL ASSISTANCE LEVELS



To **INCREASE** the pedal assistance level press button (5)  
To **DECREASE** the pedal assistance level press button (6)

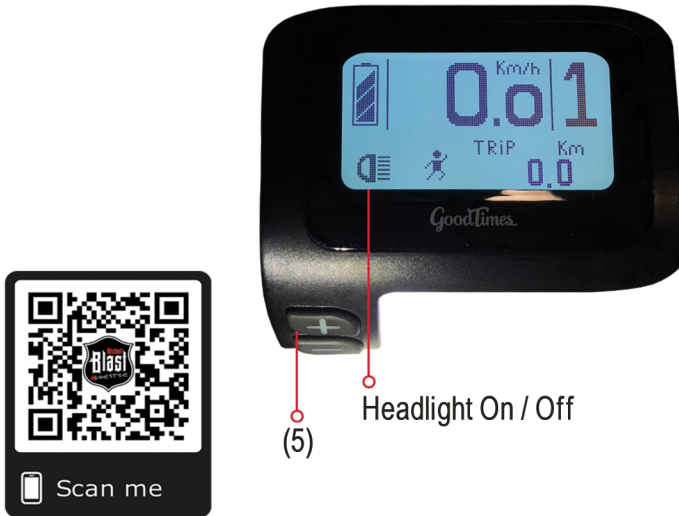
The higher the assistance level the faster the battery will discharge

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# ***HOW TO TURN THE HEADLIGHT ON / OFF***



Press and hold button (5)  
for 3 seconds to turn the headlight On / Off

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# HOW TO RESET THE TRIP METER



(1) Power On / Off



(6) Pedal Assistance Level Down



Press and hold button (1) and button (6)  
for 3 seconds to reset the trip meter

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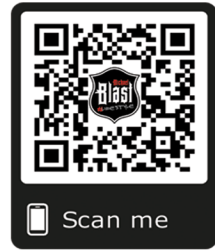
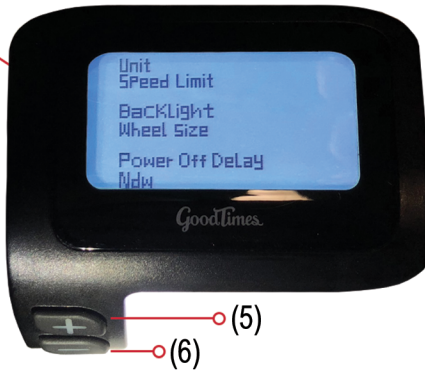
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# HOW TO ENTER THE SETTINGS MENU



(1) Power On / Off



Press and hold button (5) and (6) together for 3 seconds to enter the SETTINGS MENU

Press button (5) or (6) to select the setting you would like to adjust the setting that is slowly flashing will be the setting that you will be selecting for adjustment.

To enter the setting for adjustment press button (1) once only

Press button (5) or (6) to adjust to the desired setting

Press button (1) once to confirm the selection

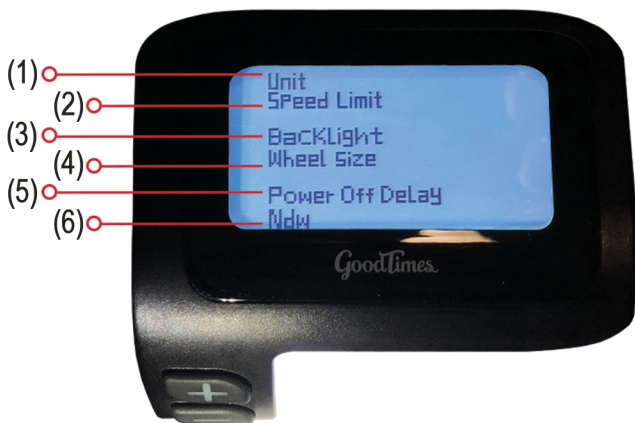
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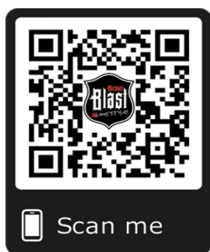




## SETTINGS MENU



- (1) **Unit** - Display Units from Km/h to MPH and vice versa
- (2) **Speed Limit** - Maximum speed the electric motor will stop assistance
- (3) **Backlight** - Adjust the brightness of the LCD Display
- (4) **Wheel Size** - Factory set at 26" DO NOT ADJUST
- (5) **Power Off Delay** - Time the bike will automatically turn off in minutes
- (6) **Ndw** - Factory set at (5) DO NOT ADJUST



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## ***HOW TO REMOVE / INSTALL YOUR BATTERY***

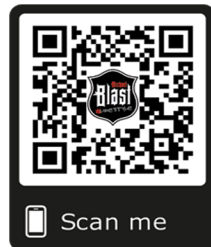


Using one of the supplied keys unlock the battery from the battery carriage/controller

Once the battery is unlocked, slide the battery upwards to remove it from the bike

***CAUTION! Ensure when you re-install the battery you LOCK it with the key to prevent the battery from falling off the bike when riding***

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## ***MAINTAIN YOUR RIDE***



Regularly check your  
tyre pressures



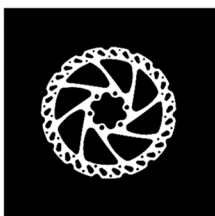
Lubricate your chain  
with bike chain lube  
every month



Charge your battery  
at least once per  
month



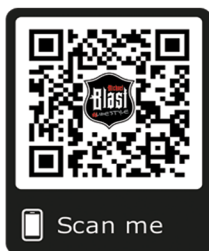
Keep your bike out of  
the rain and  
elements



Have a qualified  
mechanic service  
your bike every 3  
months



Have all repairs  
carried out by your  
local dealer



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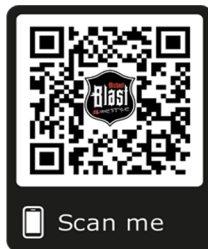
# ***SERVICE OR WARRANTY QUESTIONS?***

If you have any service or warranty questions please contact your local authorised Australian Michael Blast Dealer where you bought your Michael Blast product from

OR

Visit us at

[www.michaelblast.com.au](http://www.michaelblast.com.au)



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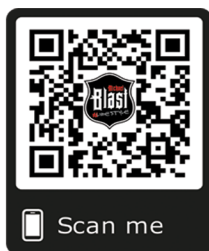
# ***DETAILED SUPPLEMENTARY INFORMATION***

***PLEASE NOTE: This manual is not intended as a detailed user, service, repair or maintenance manual. Information contained in this manual is correct at the time of printing and is subject to change without notice please refer to the [www.michaelblast.com.au](http://www.michaelblast.com.au) website for up to date information and videos pertaining to your Michael Blast Product***

## **Assembly Instructions**

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

1. Open the box.
2. REMOVE all the loose contents, charger etc and safety materials and put aside
3. LIFT the bike out of the box, please be careful as the bike weighs 25kg, it is recommended that 2 persons remove the Michael Blast electric bike from the box so as not to damage the bike or hurt yourself.
4. FIT THE HANDLEBARS, using a 4mm allen key, REMOVE the top half of the headset/handlebar clamp, locate the handlebars and place them into the bottom half of the headset/handlebar clamp, CAUTION! ensure the cables are not tangled and the LCD/Controller is located on the Left hand side of the bike, when sitting on the bike looking forward, Insert the top half of the headset/handlebar clamp and install the 4 x 4mm allen head screws and initially tighten slightly, adjust the handlebars to the angle desired and tighten the 4 x 4mm allen head screws very firmly so the handlebars do not move up or down when pressure is applied up or down, if the handlebars move up or down after tightening the screws, tighten them a little more.
5. FIT THE FRONT GUARD using a phillips head screwdriver ensure the screws are fitted tightly, Thread lock can be applied to the threads if required to prevent the screws vibrating loose.
6. FIT THE FRONT WHEEL using a 15mm spanner tighten the front wheel axle ensure the brake disk is engaged correctly
7. FIT THE PEDALS - PLEASE NOTE – The pedals are marked “L” for Left and “R” for Right. Attach and tighten the pedals. The left pedal is attached by turning it counterclockwise and the right pedal is tightened by turning it clockwise.



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## ***DETAILED SUPPLEMENTARY INFORMATION***

### **Helmet:**

Always wear an approved helmet while riding your Michael Blast electric bike and follow the helmet manufacturer's instructions for fit, use and care of your helmet. It is your responsibility to familiarise yourself with the laws of where you ride your Michael Blast electric bike and to comply with all applicable laws.

### **Mechanical Safety Check:**

Check the condition of your Michael Blast electric bike before every ride.

Make sure no nuts, bolts or fixings are loose, with particular attention to the axle nuts and handlebar stem

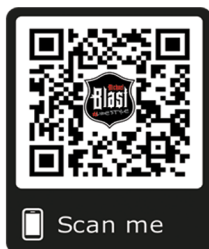
Make sure the tyres are correctly inflated.

Check the brakes for proper operation.

You **MUST** take your Michael Blast electric bike in to be serviced and checked by a qualified bike mechanic before 300 kilometres of riding. This is a good standard practice for any new bike as cables will stretch and components will 'bed in'. The service **MUST** include spoke tensioning for both front and rear wheels.

### **Additional Passengers:**

Michael Blast electric bikes are designed for one passenger only. **DO NOT** carry any additional passengers on the front or rear of the bike. Bike maximum load is 130kg.



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# ***DETAILED SUPPLEMENTARY INFORMATION***

## **Battery and Charger**

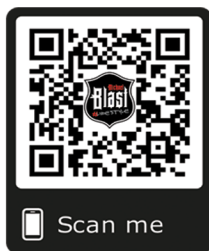
Included with your Michael Blast electric bike is a lithium-ion battery (Installed), along with a charger, which plugs into a standard household electric receptacle. Lithium-ion batteries require specially designed chargers. You should never charge your battery with any other charger other than the one supplied with your Michael Blast electric bike.

## **Recharge the Battery**

To charge the battery, plug the charger into the charging port located on the upper right hand side of the battery then plug the charger into an AC outlet. The charger will charge the battery in approx 4-6 hours. It is recommended to charge the battery initially for 12 hours.

The indicator lights on the charger will be red when battery is charging and will turn green when fully charged. When the charging process is finished first take out the plug from an AC outlet and then from charging port at the battery.

- Recharge battery when the battery is low or the battery level indicator on the LCD display is showing 2 or less bars of charge.
- Do not open or alter the battery or the battery charger.
- Do not place the battery near fire or corrosive substances.
- Do not immerse in water or other liquids.
- Avoid subjecting the battery to high temperatures, such as directly under the sun, for prolonged periods of time.



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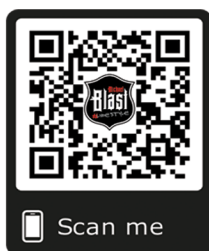


## ***DETAILED SUPPLEMENTARY INFORMATION***

Battery and Charger continued....

Recharge the battery before it becomes completely discharged. Completely discharging will reduce the numbers of recharging cycles during the battery's life and limit the capacity. Never store the battery in a discharged state. After much use, your battery's charge holding capacity will decrease. If you find that your battery does not hold sufficient charge even for short trips, you should contact your dealer to order a replacement.

If the battery will not be used for an extended period of time, charge it fully and recharge it every 1 month. Store it in a cool, dry place. Your battery is engineered with precision for high capacity and a long, useful life. Do not use it to power other electrical devices. Improper use of the battery will damage the battery and shorten its useful life, and may cause fire or an explosion. If you experience unusual sounds or odours coming from the charger or the battery, unplug charger immediately and contact your dealer.



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# ***DETAILED SUPPLEMENTARY INFORMATION***

## **Pedal Assist Mode**

Your Michael Blast electric bike is equipped with an LCD Controller display, which controls pedal assistance levels. The following information will be shown: speed, distance meter, battery capacity and pedal assistance level. To turn the display on and start the electric motor you need to hold the ON/OFF button for approx. 3 seconds. Then you can set up pedal assistance level by pressing + or -

The speed is shown after you start pedaling. It shows the actual speed you are moving at. If you are using the 1st assistance level you will use approx. 40% of engine power. Using 5th assistance level it increases to 100%.

## **Tyres**

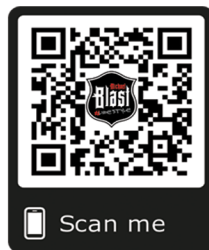
To minimise tyre wear and for maximum riding safety, comfort and handling always inflate your tyres to no more than the maximum recommended pressure stated on the sidewall of the tyre

## **Kickstand**

The "side stand" style kickstand has a single leg that flips out to one side and allows the bike to lean against it. Please do not sit on your Michael Blast electric bike with the kickstand in the down position as damage will occur to the kickstand.

## **Headlight**

Your Michael Blast electric bike comes equipped with integrated front LED Headlight. To turn the light on, push the + button for 3 seconds. To turn light off, repeat the same steps.



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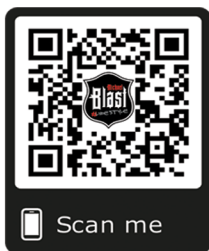
# ***DETAILED SUPPLEMENTARY INFORMATION***

## **Gears**

Your Michael Blast electric bike is equipped with 7 speeds. The first gear is for easier and uphill pedaling, and the last gear is for maximum speed. Change gears only while peddling. Adjustments require fine tuning and should only be made by a qualified technician. Avoid changing gears very rapidly from first gear to the last gear or vice versa. If you change multiple gears too quickly, you could have the chain come off the front sprocket.

## **Brakes**

Your Michael Blast electric bike is equipped with Hydraulic/Cable disc brakes for maximum reliability. Applying hand pressure to the brake levers will cause the brake pads to cause friction against the brake disc, slowing the wheel. The more hand pressure applied to the brake lever, the faster the Michael Blast electric bike will come to a stop. The rear brake should always be applied before and while the front brake is applied. Applying only the front brake to slow or stop at high speeds may result in the rider being ejected from the saddle and continuing forward over the handlebars. It is best to apply even pressure to both brake levers when slowing or stopping. Bicycles equipped with disc brakes will occasionally make a slight scraping noise when the wheels are turning without the brakes being applied. This is normal, ensure that the brake lever does not contact the handlebar when full hand pressure is applied. If so, then the brakes must be adjusted, bled or brake pads changed.



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# ***DETAILED SUPPLEMENTARY INFORMATION***

## **Appearance Care**

Periodically clean your Michael Blast electric bike with a damp cloth. Avoid spraying the bike with a water hose to avoid electrical issues. Store your Michael Blast electric bike in a dry sheltered area away from direct sunlight and wet or damp environment. It is also recommended to apply chain lube to the drivetrain of your bike when you clean it or wipe it down to keep it in good running condition.

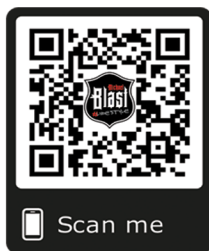
We highly recommend the FIRST service from a qualified bicycle mechanic after riding 150-350 kilometres.

## **6 Week Inspection**

It is recommended that after this period you should inspect your bike as things will slacken off and need re-tightening. If you do not know how to adjust the cables please take your bike to a qualified bicycle mechanic.

## **Every Year**

It is recommended that once a year you complete a full service on your bike to keep it in excellent working order. When stored and not in use remove the battery and store in a cool, dry place, charging periodically as the battery will discharge over time of none use. Failure to do this will result in the battery falling into a dormant state rendering the battery unrepairable.



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## **LIMITED WARRANTY**

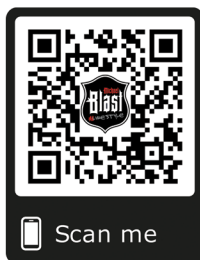
Subject to the following provisions MICHAEL BLAST warrants that the goods will correspond with their specification at the time of purchase and will be free from defects in material and workmanship. MICHAEL BLAST offers a 5 year warranty on the frame for any problems relating to manufacturer workmanship or arising from material defects including breakages or cracking caused while riding (other than rider misuse). MICHAEL BLAST offers 12 month warranty on the battery for any problems relating to manufacturers workmanship or arising from material defects. The warranty does not cover misuse or failure to follow the manufacturer's operational instructions correctly. All other components are guaranteed for 1 year for problems related to manufacturer workmanship or arising from material defects with the exception of consumable components for example brake blocks, pads, tyres and tubes and when battery discharge if resting voltage is below the standard or batteries damaged due to overcharging.

The original receipt of purchase is required to establish proof of purchase and warranty date, and must be provided to MICHAEL BLAST for all warranty claims. MICHAEL BLAST will have no obligation under this limited warranty in the event the battery is damaged or destroyed as a result of any of the following events: use on a non Michael Blast bike charger, damage or destruction by abusive overcharging; collision; theft; improper maintenance or mishandling of the battery; natural forces such as wind, lightning, hail, etc.; any wilful or negligent act; penetration, or opening of the battery case in any manner.

This warranty becomes effective on the date of original retail purchase.

### **Warning:**

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 himself and others and to any property arising as a result of using the Bicycle.



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