Fatboy Bikes Owner's Manual

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BIKES COVERED IN THIS OWNER'S MANUAL

Bike Model
The Harlem V2
The Scrambler V2
The Bagus V2

CONGRATULATIONS ON THE PURCHASE OF YOUR NEW FATBOY BIKE!

Welcome to the Fatboy family. We are striving to set the bar in electric bikes in terms of safety, innovation and quality. We are constantly evolving and our goal is to provide superior customer service as well as a premium product in its quality and ride.

As a new Fatboy Bike owner, you will be happy to know, we offer a great warranty period on all our bikes giving you peace of mind (refer to our Terms and Conditions for warranty details).

All users should familiarise themselves with the owners manual before operating an electric bike. We also have a team of technicians that are here to assist with any questions you may have so please reach out.

We welcome any feedback, thus if we have fallen short with anything, we would like to hear about it. Please share your feedback at **hello@fatboybikes.com.au**

Make sure to jump onto Instagram and Facebook to share and immerse yourself in all things Fatboy and become part of our growing bike lovers community! And tag us in your videos and photos on Facebook and Instagram using the handle @fatboy_bikes

IMPORTANT NOTICE BEFORE RIDING

- ☑ Before using the electric bike, ensure the correct safety and protective equipment is worn. This includes Australian approved helmets, enclosed shoes, protective clothing and other necessary safety items.
- ☑ Check the road and traffic rules within your states legislation and ensure you ride, adhering to those rules and regulations.
- ☑ If you are uncomfortable assembling your new bike, please consult your local bike store to assemble.
- ☑ Our first concern is your safety so please ensure to follow all safety and maintenance directives noted in this manual and in the Fatboy Bikes Pty Ltd Terms and Conditions found on our website.
- ☑ Fatboy Bikes recommend children under the **age of 16** should not ride or operate Fatboy Electric Bikes.
- ☑ Ensure your Fatboy Electric Bike is well looked after to keep it in a safe riding condition. Check the bike over for any hazards before every ride. Refer to our checklist below.
- ☑ If you have no prior experience in riding an electric bike, pick an open, quiet space to practice riding your new Fatboy eBike. This will help build confidence in your riding abilities prior to riding in high traffic areas where you are likely to have to cross roads or pedestrians.
- ☑ When riding in rainy, snowy or slippery conditions reduce your speed and increase the distance between yourself and other vehicles.
- ☑ Fatboy Bikes prohibits illegal modification of all electric bikes sold and is not responsible for any losses.

VIDEO TUTORIALS & GUIDES

Unboxing & Assembly Video Guide	Handlebar Install Video Guide	All Video Tutorials
https://youtu.be/xstMzE8uqfg	https://youtu.be/cXtkNDEYQFE	www.fatboybikes.com.au/videos

Initial Setup and Maintenance Check Before Each Ride:

1. Ensure the bike is turned off before charging. Charge the battery to full before first use. Once completely charged, remove from the charging station. You will know when completely charged as the light will change from red to green on the charger. ***Please note the charger will only work when first plugged into the battery and then switched on at the wall socket.***

2. Check pressure in the tyres and ensure they are pumped to specification – for details please refer to the side tyre wall. Ensure you do NOT exceed maximum specified pressure.

3. Check and tighten nuts and bolts across bike; these include the following

    - Front & Rear Wheel - Axles / Hubs / Spokes
    - Brake Disc Rotor Bolts Front & Rear
    - Brake Callipers Front & Rear
    - Handlebars
    - Forks
    - Crank
    - General Check of Bike's Bolts

4. Check brake levers, display, buttons and bells etc on handlebars are firm. Do not over tighten anything that is plastic such as the display which it will damage the plastic.

5. Ensure to brake test and that no leaks are present by holding the levers on with no loss in pressure.

6. Ensure battery is securely fastened in place using key lock mechanism before riding.

7. Ensure the master switch on the battery is ON before powering up, using the ON button on handlebars.

8. Ensure bike chain has adequate lubricant and is free of debris.

9. Check the battery terminal contacts prior to each fitting of the battery for things like debris, corrosion, burn marks or signs of arcing (this is where incorrect contact may have occurred)

10. Ensure the bikes load, does not exceed specified weight of 180kg.

11. Check weather conditions are favourable for riding and try to avoid adverse conditions where possible such as rain, strong winds, or extreme temperatures above 45 degrees.

12. Please note, this is not a mountain bike thus try to avoid terrain that may send extreme vibrations to the battery pack.

13. Examine the frame and wheels of the bike for any signs of cracks, weathering or corrosion etc.

14. To clean your bike effectively – remove the battery from the bike and use a damp cloth, avoiding any electrical components. Allow appropriate time for the bike to fully dry before using.

WARNING

IMPROPER USE OR ASSEMBLY OF THIS ELECTRIC BIKE MAY LEAD TO SERIOUS INJURY OR DEATH. ALWAYS RIDE WITH CARE AND ATTENTION AND WEAR APPROPRIATE SAFETY EQUIPMENT.

In purchasing and operating the Fatboy electric bike you hereby Agree to our Terms and Conditions of Service. To read the full terms visit: **www.fatboybikes.com.au/terms**

- **Do not** ride this electric bike if you are pregnant, tired, sick or under the influence of alcohol or drugs.
- Always wear proper protective clothing – this includes wearing an Australian approved helmet, enclosed hard sole shoes and enclosed leather gloves at a minimum when riding
- Only ride at speeds which permit you to safely stop without power or brakes as your bike can lose brakes and/or power during your ride at any time due to low battery, mechanical failure, electrical or other interference.
- Avoid riding on busy roads as this is dangerous to yourself and other road users.
- The higher pedal assist levels will be sensitive. Ensure you firstly start bike on low pedal assist for a smooth take off and ride to your ability.
- Do not ride this electric bike in bad or wet weather conditions as it can be unsafe to you or others as you could cause damage to your bike or lose control. Water damage to your bike is not covered under your warranty.
- Allow the right of way for pedestrians, maintain safe distance when riding on shared paths and be cautious of your surroundings.
- It is recommended to get your bike serviced regularly – every 12 months or 3000kms, whichever comes first. This can be done at your local bike store.
- To ensure safety, ensure regular tyre pressure checks and tightening of the front axle.
- Always check, tighten, clean & lubricate your bike's mechanisms to ensure the safe operation of your bike. Build ups of dirt and other foreign objects can impact the ride quality and can reduce battery performance or potentially cause a failure which may result in injury to you and/or others.

Before using this vehicle, check the applicable local laws relating to your intended use of the vehicle on roads and road related areas.

WARNING: Do not dispose of this vehicle or components of this vehicle in household or kerbside garbage bins. When disposing of this vehicle or components of this vehicle, check the applicable local waste and disposal laws.

STEP #1 - INSTALLING HANDLEBARS AND PEDALS

Once you have your bike unboxed and, on its wheels, the first thing to fit is the handlebars.

HANDLEBARS

Watch the instructional video here

1. Remove black rubber cap and hex socket screw from the fork steering tube before sliding on the stem and handle bars. Re install hex socket screw and tension once bars are aligned and straight.
2. Tighten the 2 x stem hex socket screws on each side of the stem until tight. Tension each screw multiple times to ensure both are tensioned evenly.
3. Check and tighten the 4 x handle bars bolts in a diagonal series...
   (bottom left >> top right >> top left >> bottom right - then repeat this once more until completely firm and tight) tightening like so will ensure an even distribution of force allowing the clamp to close evenly around the handlebars.
4. Plug screen cable into wiring harness if required.

PEDAL INSTALLATION – ALL MODELS

When installing the Pedals - Look for the “L” and “R” markings on the pedals - this means the “L” Pedal is fitted to the LEFT Side and “R” is fitted to the RIGHT side.

NOTE: Left pedal is reverse threaded - meaning tighten in the opposite direction - check the thread direction before attempting to fit as incorrect fitting may cause damage to the thread and ultimately make the pedals un-usable!

STEP #2 - TURNING YOUR BIKE ON

On the battery pack you will find a switch that you will need to turn to the ‘ON’ position ***(no switch on Bagus models)*** in order to start the bike up. After this you will then need to hold down the ‘POWER’ button on the display for 3 seconds. Please Note: Batteries that are left in the ON position when the bike is powered down using the display will isolate after 30 mins to conserve power, you will need to switch isolator OFF and ON again before powering up again – you can then enjoy your ride.

PEDAL ASSIST

To set your bike's assist level, use the display keypad located on your handlebars. You will see a [+] and [-] button where you can increase or decrease the pedal assist by pressing these buttons. Levels range from 0-9 with 0 meaning NO motor assistance when pedalling and 9 meaning maximum motor power assist whilst pedalling. Level 0 will also isolate the throttle.

GEARS

Never engage the gears when you are not operating the bike pedals. When taking off on a hill or starting from a slower position use a lower gear, the first gear (gear 1) is recommended and when at higher speeds use the seventh gear (gear 7).

UNDERSTANDING TRANSMISSION & GEARS

For example - If you are to climb a steep hill you would decrease the Pedal Gear Level to 1 and increase the motor assist to level 9 to enable you to ride easier up hills using pedal power to assist the motor power. This will achieve maximum power output at the rear wheel. For traveling at maximum speed Pedal Gear Level 7 and motor assist level 9. To maximise battery range use lower motor assist levels. You should also never change pedal gears unless your bike pedals are in operation.

If you find your bike is struggling to change pedal gears or tends to jump between gears - this is likely a sign that it is time to have your bike serviced and to have your bike's derailleur adjusted back to the correct position.

BRAKES

Our bikes are fitted with Front & Rear hydraulic disc brakes. Both brakes are fitted with Electronic Cut Off Controllers, meaning when you engage the brakes, the bike motor will be deactivated to enhance your safety. To engage the front wheel brake, use the lever on the right hand side of your handlebars and to engage the rear wheel brake use the lever on the left hand side. To avoid flipping your bike, slipping out or causing any injury, remember to NEVER use the front brake when turning or traveling downhill.

DISPLAY

On your display you can find and use the ‘M’ (MODE) button to rotate through your bike's status once it is powered ON, from ODO, Current Speed, AVG Speed, Trip etc. By using the [+] and [-] buttons, you can increase and decrease your motor pedal assistance level. By holding down the [-] button you are able to activate the hill start mode. In this mode the motor will start to assist you when starting from an incline or hill start position.

LIGHTS

To switch on your headlight; hold down the [+] button on the display. Brake lights at the rear of the bike are fitted into the battery and these will automatically turn on when applying brake pressure. Some Fatboy Bike displays use a light sensitivity device to automatically switch your headlight on at night. To deactivate this feature hold the plus button to turn your light off or adjust in the screen settings.

THROTTLE

If your Fatboy Bike is fitted with a throttle please note it features an on/off switch. Check local State laws for throttle legality.

STEP #3 – RECORD YOUR SERIAL NUMBER & REGISTER YOUR BIKE

When you are all setup and your bike is ready to go, please make sure you scan your QR code in your welcome booklet and register your new Fatboy Bike for warranty.

Please also ensure you record your bikes serial number (which can be found imprinted on the handlebar stem of your bike). You will need this number for your warranty registration but it's also a good idea to keep this number in case your bike is stolen, so that it can easily be identified.

Register Your Bike

To register your bike head to https://www.fatboybikes.com.au/pages/warranty-register

BATTERY INFORMATION

BATTERY SAFETY

- Only use the supplied approved battery charger to charge your battery - details can be found within this manual.
- Maximum charging time the battery is 6 hours.
- Do not charge battery in high heat, high humidity, wet or damp areas.
- Do not submerge battery in water.
- Avoid overcharging your device - unplug the battery once it is fully charged (when light turns GREEN on charger).
- If the battery emits smoke, odour, or heat, move it to a safe, non-flammable area immediately and allow it to cool before handling.
- Never allow your battery to be submerged in water or be exposed to water/moisture.
- Never attempt to disassemble, modify, or repair the battery yourself. Always seek a qualified technician.
- Check the contacts before each fitting for damage, burn marks, foreign objects etc.
- Avoid charging your device on flammable materials, such as the bed, couch or on paper. Always place charger on hard dry surfaces.
- If your battery has been exposed to damage of any kind - discontinue use immediately and have it inspected by a professional or dispose of safely.
- If you notice signs that the battery has a problem, such as overheating, odours, leaks, or change in colour/shape, shut off the device and move it away from things that can catch fire. Dispose of immediately at a certified disposal site.
- Store and charge your vehicle and batteries in a cool, dry place away from direct sunlight.
- Keep batteries away from moisture, heat and impact.
- If you have any concerns at all regarding your battery, please reach out to our technical team for assistance.

MAINTAINING YOUR BATTERY HEALTH:

We recommend the following tips to ensure your battery life is maximised and any risk of danger such as fire's, explosions or injury is minimised.

- ☑ Never use third-party chargers with our products as it risks overvoltage and will void warranty.
- ☑ Place your battery on charge when it is running low. Never run it to empty before charging.
- ☑ After riding your bike, allow the battery to cool for 30 minutes before charging.
- ☑ If you plan not to ride for extended periods of time, place your battery on charge once per month even if not used, this will keep your battery cells active. We recommend keeping battery stored at around 50-70% charge.
- ☑ Avoid excessive vibrations to avoid damage to the battery housing and or contacts.
- ☑ Regularly inspect the terminals and contacts for dirt, corrosion, or burn marks. Clean gently with a dry cloth if needed.
- ☑ Store battery in a secure, dry, and cool place, and away from flammable materials or objects including metals.
- ☑ Never dispose of li-ion batteries in the trash. This causes pollution and can be a fire hazard.
- ☑ To learn how to properly dispose of lithium batteries, head to**:** **epa.nsw.gov.au/safe-battery-recycling**

E-micromobility vehicle information for NSW

Brand	Fatboy Bikes		
Product Name	The Harlem V2	The Scrambler V2	The Bagus V2
Serial Number	Serial numbers are located on each frame behind the headlight on all models.		
Standard / Certification Approval Number	UL2849 / NSW No.PENDING	UL2849 / NSW No.PENDING	UL2849 / NSW No.PENDING
Maximum speed	25km/h	25km/h	25km/h
Maximum Weight	38kg	38kg	38kg
Maximum continued rated power output	500W	500W	500W

Before using this vehicle, check the applicable local laws relating to your intended use of the vehicle on roads, footpaths, shared paths, bicycle lanes and bicycle paths - transport.nsw.gov.au/ebikes

Battery Safety Information

WARNING! Follow these safety instructions to reduce the risk of fire, explosion and electric shock.

DO:

☑ Only use batteries and chargers supplied or recommended by the manufacturer.
Compatible products:

Bike Model	Battery	Charger
The Harlem V2	52V Battery - HL5220	52V Charger - DPLC177V59-M
The Scrambler V2	52V Battery - HL5220	52V Charger - DPLC177V59-M
The Bagus V2	52V Battery - HL5220	52V Charger - DPLC177V59-M

☑ Maximum charging time this vehicle should be charged for is 6 hours

☑ Charge your vehicle and batteries in an open area away from combustible and highly flammable materials, such as beds, sofas and carpets.

☑ Store and charge your vehicle and batteries in a cool, dry place away from direct sunlight.

☑ Store and charge your vehicle and its batteries away from doorways.

☑ Allow time for batteries to cool before recharging or storing.

☑ Keep batteries away from moisture, heat and impact.

WARNING! Modifying or tampering with your vehicle can result in a fire, explosion or electric shock.

DON'T:

- ☑ Modify or tamper with any component of this vehicle.
- ☑ Charge this vehicle for more than the recommended charge time.
- ☑ Leave charging batteries unattended or on charge overnight.
- ☑ Use or charge a damaged battery.
- ☑ Use or charge this vehicle if it is damaged.
- ☑ Use batteries or vehicles that are overheating or showing signs of failure, such as swelling, leaking or venting gas.
- ☑ Buy or use a vehicle or battery that has been altered or modified.

Learn more about lithium-ion battery safety: nsw.gov.au/lithium-ion-battery-safety

Do not attempt to repair your damaged vehicle, take it to a qualified repair person.

For further information on service and repair of your vehicle or battery, please contact Fatboy Bikes directly or an authorised e-bike specialist.

Fire Safety Information

WARNING! Fires involving lithium-ion batteries can occur rapidly and can be violent, involving toxic smoke and vapours, flames, and molten projectiles.

If your vehicle or battery emits sparks, smoke or flames, evacuate the area and call Triple Zero (000). Close doors if safe to do so.

Warning signs include:

- Pungent odours
- Discolouration, blistering, bulging, or swelling of the casing
- Leaking electrolyte
- Heating up and becoming extremely hot to touch
- Abnormal popping, hissing or crackling sounds, smoke, and fumes Never touch a swollen or ruptured device or battery with bare hands.

Seek urgent medical assistance if anyone has been exposed to spilled electrolyte, flying debris, smoke or vapours, or flames.

Make sure you know what to do if your device or battery is smoking or on fire: fire.nsw.gov.au/batteries/what-to-do

Battery Removal Information

Safely separate your vehicle battery for disposal by following these instructions:

- Using the battery key supplied with your Fatboy Bikes, unlock the battery.
- Once unlocked, physically remove the battery by sliding it out of the terminal.

WARNING: Do not dispose of this vehicle or components of this vehicle in household or kerbside garbage bins. When disposing of this vehicle or components of this vehicle, check the applicable local waste and disposal laws.

Learn how to safely dispose of your device and battery at: epa.nsw.gov.au/safe-battery-recycling

Other Important Safety Information

When storing a Fatboy e-bike and its battery, proper precautions should be taken to ensure safety and longevity.
Here are some key points:

Safe Storage of the Vehicle and Accompanying Products

Preventing Environmental Damage

1. **Dry and Cool Location** - Store the e-bike and battery in a dry, well-ventilated area away from direct sunlight, extreme cold, or high humidity.
2. **Avoid Outdoor Storage** - Leaving the bike outside exposes it to rain, dust, and temperature fluctuations, leading to corrosion and electrical issues.
3. **Use a Bike Cover** - If indoor storage isn't an option, a waterproof and UV-resistant cover helps protect it from the elements.
4. **Battery Care** - Store the battery separately in a fire-resistant, cool, and dry place, ideally between 10°C to 25°C.
5. **Keep Away from Flammable Materials** - Ensure the battery is stored away from heat sources or combustible items to reduce fire risks.

Warnings Against Heat & Water Exposure

1. **Avoid Excessive Heat** - Do not store the bike or battery near heaters, direct sunlight, or enclosed hot spaces (eg. a car on a sunny day), as overheating can cause battery failure or even fire hazards.
2. **Water Damage Risk** - Prolonged exposure to water (rain, floods, or high humidity) can lead to electrical malfunctions and corrosion. Never submerge the bike or battery.
3. **Charging Safety** - Never charge the battery in damp or excessively hot environments. Use the recommended charger and avoid overcharging.
4. **Inspect for Damage** - Regularly check for signs of rust, swelling, or leakage in the battery and connectors to ensure safe operation.

Proper storage and care help maximize the lifespan of both the Fatboy Bike and its battery, ensuring reliable performance and safety.

More Information

For further information please contact Fatboy Bikes Pty Ltd.

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