

Official Licensed Product



MERCEDES-EQ
FORMULA E TEAM

Welcome to your n+ Mercedes-EQ Formula E Team Championship Edition eBike



Prefer digital? Scan the QR code for our
[YouTube assembly guide](#)



Riding your bike is only a few steps away.

For your convenience, your n+ Mercedes Championship Edition eBike is delivered to you mostly assembled.

This User Manual contains a few steps in completing the assembly of your bike. Make sure you read your User Manual prior to commencing assembly and riding.

If you need support with assembly, please scan the below QR code for our global service centers or head to nplusbikes.com to search for a center near you.

For peace of mind, your n+ Mercedes Championship Edition eBike comes with a 5 year frame warranty, and 2 year warranty on parts. You can find your warranty outline in section 6.

WARNING: This warranty does not cover incorrect assembly or installation of parts. To find a recommended service center near you, please head to nplusbikes.com, or alternatively a local reputable bike shop.



n+

Search to scan for a servicing center near you.



Setting up your bike

Make sure you read your n+ Mercedes Championship Edition eBike User Manual prior to commencing assembly and riding.

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1/ Your n+ Mercedes Championship Edition eBike

4

2/ Safety & disclaimer

- 2.1 Safe riding 5
- 2.2 Different riding conditions 5
- 2.3 Liability and Waivers 6
- 2.4 Disclaimer 6
- 2.5 Liabilities 6

3/ Assembly

- 3.1 Handlebars 7
- 3.2 Torque arm bracket 7
- 3.3 Front Wheel 8
- 3.4 Saddle 8
- 3.5 Levers, Power and Cable Integration 8
- 3.6 Pedals 9
- 3.7 Connecting Lights 9
- 3.8 Reflectors 9
- 3.9 Inflating Tires 9
- 3.10 Brake Calipers 9
- 3.11 Charging Your Bike 10
- 3.12 Heads Up Display

4/ Comfort features

- 4.1 Saddle adjustment 12
- 4.2 Other modifications 12
- 4.3 Adjusting your suspension 12

5/ Riding your bike

- 5.1 Pedal powered assist mode 13
- 5.2 Pedal mode 13

6/ Warranties 14

7/ Warnings 15

1/ Your n+ Mercedes Championship Edition eBike

- | | |
|-----------------------|-------------------------------|
| 1. Saddle | 13. Kick Stand |
| 2. Power button | 14. Belt Tensioner |
| 3. Seat Post Support | 15. Belt Drive |
| 4. Stem Cap | 16. Seat Stay |
| 5. Handlebars | 17. n+EQ Power Charging Point |
| 6. Torque Arm Bracket | 18. Heads Up Display |
| 7. Head Tube | 19. Front Light |
| 8. Front Brake Disc | 20. Rear Light |
| 9. Brake Caliper | 21. Front Suspension |
| 10. Pedals | 22. Top Tube |
| 11. Motors | 23. Down Tube |
| 12. Chain Stay | 24. Seat Tube |



2/ Safety & disclaimer

This is a high powered electric bike requiring the user to be familiar with it's settings prior to use.

DO NOT attempt to operate your bike without reading your user manual prior to riding.

2.1 Safe riding

First journey: For your first ride select an environment free from hazards or distractions. Riding an eBike is different to a standard bicycle and requires that you be familiar with the power on/off switch, torque sensing and assist, gears and braking.

Rules and regulations: Always abide by the road rules and respect other road and path users. Check your state and local laws for eBike laws and statutes.

Ride at an appropriate speed in accordance with the terrain, the conditions, local regulations and your abilities. Please ensure you are wearing adequate protection including a compliant helmet.

Headphones and technology: Do not ride with headphones or while operating a mobile phone.

Lights: Always ride with operational and adequate lights and that they are not obscured or covered.

Minors: This bike is not intended for minors in accordance with local eBike regulations. If you are a parent or guardian, you are responsible for the activities and safety of your child/dependent, and that includes making sure that the bicycle is properly fitted to the child, that it is in good repair and safe operating condition, that you and your child have learned and understand the safe operation of the bicycle, and that you and your child have learned, understand and obey not only the applicable local motor vehicle, bicycle and traffic laws, but also the common sense rules of safe and responsible bicycling. You should read this manual, as well as review its warnings and the bicycle's functions and operating procedures with your child, before letting your child ride the bicycle.

Suspension forks: It is very important that the suspension forks are properly inflated through the inflation valve located under the air cap on the crown of the forks. They should be inflated only using a suspension pump or shock pump with a working and accurate pressure gauge as other pumps or devices may result in over-inflation of the suspension fork air chamber which can cause failure of the suspension system resulting in injury and damage. The maximum

suspension inflation pressure should not exceed 85 psi.

2.2 Different riding conditions

Your bike is designed for pavement and gravel roads.

Wet weather impairs traction, braking and visibility, both for the bicyclist and for other vehicles sharing the road. The risk of an accident is dramatically increased in wet conditions.

Under wet conditions, the stopping power of your brakes (as well as the brakes of other vehicles sharing the road) is dramatically reduced and your tires do not grip as effectively. This makes it harder to control speed and easier to lose control. To make sure that you can slow down and stop safely, ride with caution and apply your brakes earlier and more gradually than you would under normal, dry conditions.

Although the motor is protected, DO NOT ride your eBike through deep water, which could damage the motor, battery, or motor controller. Do not expose the battery to extended periods of wet or hot temperature/weather when not riding. Make efforts to protect electrical connections from excess water. Do not wash your eBike with water; only use a dry or mildly damp cloth to clean the frame and parts.

2.3 Waiver, Indemnity and Liability By Consumer For Use of Goods

The regulations and compliance for the use of Goods including personal electric vehicles is varied around the World and the rules are dependent on the relevant jurisdiction. In most countries there are laws which apply to the Consumer for the use of their Goods on public roads and paths. For example in many countries (including parts of the EU) road users may only use their pedelec e-bike if it is limited to a speed of 25 km/h and a power of 250W. It may be permissible in some countries to exceed those limits where:

- the Goods are to be used on private property; and/or
- the Goods comply with the legal requirements for speed pedelecs or a higher classification in that jurisdiction.

For some Goods we may provide you the Consumer with a passcode to provide power assist levels which will enable you to use the Goods at higher speeds and power levels. It is a condition of the contract that you will only use the Goods in compliance with the laws of your relevant jurisdiction and this includes the use of the passcode or higher power assist levels.

It is a condition of the sale of all Goods to the Consumer that in relation to the use of the Goods:

- That it is the Consumer's sole responsibility to ensure that the Goods are at all times used in accordance with all relevant laws, regulations and rules (as updated or amended from time to time) which may vary depending on the location where the Goods are used;
- That use of the Goods may not be permitted or lawful on public roads or paths, and public areas;

- That, unless otherwise permitted by law, the Goods are to be used on private property only;
- To defend, indemnify and hold N+ bikes and/or the dealer, retailer or distribution centre harmless from and against any and all claims (including negligence), liabilities, costs, expenses, losses, damages and settlement expenses, including legal costs, that N+ bikes and/or related parties may incur, whether directly or indirectly, resulting from, in connection with or arising out of any unlawful use of the Goods to the fullest extent permitted by law; and
- To forever discharge and release N+ bikes and/or the dealer, retailer or distribution centre and their officers, employees and agents from all actions, suits, causes of action, demands, claims, costs, losses and expenses of every description whatsoever resulting from, in connection with or arising out of any unlawful use of the Goods (including use in breach of any laws, regulations and/or rules) to the fullest extent permitted by law.

2.4 Disclaimer

There are risks associated in riding a bicycle which cannot be predicted or avoided. To the maximum extent permitted by law, N Plus Holdings Pty Ltd (trading as n+ bikes) and its associates, limit any liability for any loss caused by use of the bike or any products listed in this manual. It is the owners responsibility to ensure you are riding a bike compliant within your location and jurisdiction. For details of the full legal terms between you as customer and n+ bikes please see: <https://nplusbikes.com/pages/terms-of-service>.

Please note that to access Sport+ and Track mode (PAS level 4 and 5) you will be required to sign a

disclaimer. Please see www.nplusbikes.com/pages/ownership to access this form.

2.5 Liabilities

1. Our liability for negligence, other than for gross negligence, shall be limited to the maximum extent permitted at law.
2. We shall not be liable (on whatever legal grounds) for damages which may not reasonably be foreseen, considering the type of the relevant Order and Goods and assuming normal use of the Goods. The foregoing limitations of liability shall not apply in cases of wilful misconduct or gross negligence.
3. Except as specified by consumer laws, damage claims of the Consumer based on obvious defects of the Goods are excluded, unless the Consumer reports the defect within 14 days after the delivery of the Goods.
4. Whilst every effort has been made to ensure the information contained within this user manual is correct, n+ bikes makes no warranty as the accuracy, comprehensiveness, or correctness of any material, and provides all material on an "as is" basis.
5. n + bikes, including our partners, directors, officers, shareholders, employees, agents, contractors, and other third parties associated with running the Website, to the maximum extent permitted by law, disclaim all liability and responsibility for any loss or damage that might be suffered by you or any third party caused by the Website or the Goods sold on it including, without limitation, loss or damage suffered as a result of negligence.

3/ Assembly

To maintain safety, compliance and warranty requirements it is recommended to have this bike assembled by a skilled bicycle mechanic.

Disclaimer: A calibrated torque wrench is required when assembling and torquing safety critical screws. If you do not have access to one, then we recommend taking it to a service provider who can apply torques accurately. Avoiding to do so can cause damage to your bike and void your warranty.

Unboxing your bike

- a. With the box standing up lengthways, use a small knife to safely cut the tape. Be careful not to cut into the box itself.
- b. Gently lift your bike by its frame or wheels.
- c. Remove the 2 x small parts boxes containing:
 - n+EQ Power Pack charging adaptor & chord
 - Additional User Manuals
 - Pedals
 - Reflectors
 - Torx key T30
 - Combination wrenches
 - Light

- Saddle
- Front Light
- Front Light Mount

- d. Gently remove the packaging around your bike by hand.

3.1 Handlebars

The integrated handlebar and stem must be installed onto the steerer tube. Compression of the headset is performed by tightening the stem cap bolt, while the integrated bar and stem grips the steerer tube using the integrated stem pinch bolts. It is important that the headset compression is performed before tightening the stem pinch bolts.

- a. Remove the stem cap bolt from the steerer tube.
- b. Slide the handlebars onto the steerer tube and loosely reinstall the stem cap and stem cap bolt. Note: before installing the handlebars onto the steerer tube, ensure the cables are not wrapped around the fork.
- c. Align the handlebars with the front wheel and then tighten the screw. A ruler placed against the forks can be useful as a visual alignment aid. Note: handlebar alignment can be adjusted later but is easiest to do at this stage.

3.2 Installing torque arm bracket

Ensure the bike is firmly on the ground before proceeding with the torque arm bracket installation.

- a. Once the forks are sitting on the axle, remove the nut off the right fork (from a rider's viewpoint) by twisting it in an anti-clockwise direction using an 18mm wrench – note that you'll need to slide the nut off the cable once you're finished.
- b. After removing the nut, attach the torque arm bracket by placing the shorter end beneath the fork, being sure to align the centre of the hole with the axle. Please note. The torque arm will need to be perpendicular to the axle.
- c. Place the cable back through the nut and begin to tighten using the 18 mm wrench by twisting it in a clockwise direction.
- d. Once the nut has been fully tightened, you'll need to ensure that the second arm of the bracket (the longer of the two) is parallel to the fork arm.
- e. Open the hose clamp fully and place the end around the fork arm whilst feeding it through the top slot in the bracket.
- f. Now you'll need to reinsert the end of the hose clamp into the body, tightening the screw by turning it in a clockwise direction.

- g. Next, connect the motor cable – note that you’ll need to ensure that the arrows are aligned.
- h. Finally, insert the bolt that holds the motor cable bracket and gently tighten with a 3mm allen key until it’s secure.

3.3 Attaching front wheels

The front wheel is installed to the front forks.

- a. Remove the plastic axle between the legs of the fork.
- b. Separate the washers so that there is a gap between the washers on either side. You will also note a tab edge on some of the washers - ensure these tabs are facing down towards the ground.
- c. Carefully lift the front of the bike (this is best done with your legs either side of the frame facing forwards) being careful not to squeeze the levers, and guide your wheel (brake disc facing out on the same side as your kick stand) onto your front fork so that the axle grooves align with the end of the grooves in the forks.
- d. Check that your brake disc sits comfortably within the brake caliper pads and there is room for the wheel to spin freely. Please note you will need to ensure that the axle aligns with the rectangle groove within the fork.
- e. From time to time, brake calipers may need to

be adjusted due to shifting in transit. To do this, take a small plastic spatula or utensil, slide it gently within the caliper to separate them. We recommend taking your bike to an experienced bike technician to assist with this.

- f. Place the washer, then nut over the axle. Now return to the other side, adding the nut. Tighten the nut.
- g. Alternate sides as you increase the torque on both axle nuts so that they are being tightened equally. Check the wheel is still centered before moving on to the right side.

Now fold down the bike stand, the bike should now rest on the stand.

3.3.1 Inflating suspension forks

Prior to using the bike it is important to properly inflate the suspension forks. We recommend a qualified bike mechanic undertakes this step.

- a. Remove the air cap on the crown of the forks.
- b. Inflate the forks using only a suspension pump or shock pump with a working and accurate pressure gauge to the desired riding inflation pressure. The maximum suspension inflation pressure should not exceed 85 psi.
- c. Replace the air cap on the crown of the forks.

3.4 Saddle

- a. Loosen the cam lock by flipping the lever and spinning in a clockwise direction.
- b. Slide the battery and seatpost up and close the cam lock. This is to create enough height so you can comfortably add the saddle.
- c. Loosen the bolt on the top of the saddle clamp to allow you enough space between to slide the saddle rails in the middle. To do this, twist the clamp mount sideways, separate the top and lower clamp, slide the saddle so that the rails sit within the top and bottom clamp.
- d. Twist the saddle and clamps so that they are forward facing and tighten the bolt.
- e. Once completed, you can lower your saddle by loosening the cam lock, lowering the saddle and then tightening cam lock again. Straighten the saddle so it is in line with the top tube.
- f. Then tighten the screw from underneath the saddle using supplied tools. PLEASE NOTE: tightening this too much can cause battery and bike damage.

3.5 Attaching Levers, Power and Cable Integration

- a. Add brake lever. Loosen the bolts on the left brake lever, before sliding it over the handlebars so

that the lever is on the front of the handlebar in a parallel position.

- b. Check that the forks rotate smoothly, and that the headset is fully compressed by holding the front brake and attempting to rock the bike backwards and forwards.
- c. Check that the handlebars are still correctly aligned with the front wheel. Final adjustments can be made at this stage. Once you are satisfied with the alignment, tighten the handlebar integrated stem clamp pinch bolts to the recommended torque, 5-6Nm, following an alternating and staged torque process: torque the lower bolt to 3Nm, then the upper bolt to 3Nm, then the lower bolt to 5-6Nm, and finally the upper bolt to 5-6Nm. This ensures even clamp pressure.
- d. Finally, check that the brake levers and grips are secure. If they are loose, tighten the screws using the appropriate tool in the supplied toolset.
- e. Follow the cable attached to your front wheel motor. Behind the fork on the same side, you will see a mounting area with a screw.
- f. Loosen the screw, tucking the cable behind it.
- g. Then tighten the screw back to the fork mount.
- h. Within your box of accessories you will find zip ties. Secure a zip tie around the fork and cables at the top of the fork and around the fork itself.
- i. Repeat this process for the front brake line,

securing the brake line cables using the mount and screw and fixing the zip ties to keep the cables flush against the fork.

j. Brake Sensors

To connect brake sensor, simply follow the longer cables coming out from your bikes headset on the same side, matching the “male” and “female” sides to their corresponding arrow symbol.

k. Light

To connect lights, simply connect the shorter, wider diameter cables together.

3.6 Pedals

Pedals are in their own small separate box. Pedals are side dependent so that the right-hand pedal tightens in a clockwise direction and the left-hand pedal tightens in an anti-clockwise direction.

- a. You will notice your pedals have printed symbols on them. L = left pedal and R = right pedal.
- b. The left pedal goes onto the left side (same side as the kick stand). Grab the included wrench spinning in an anti clockwise direction to tighten.
- c. Now fix the right pedal to the crank, spinning the wrench in a clockwise direction.
- d. Tighten the pedals to 25 Nm torque.

3.7 Connecting lights

- a. To attach your front lights, loosen the bolt, being careful to keep the washers and bolts in the same sequence.
- b. Slide the bracket (found within your accessories box) and light in the centre of the mount and secure with the bolt provided.
- c. Take the light and mount out of the box supplied. Use the mount supplied and bolts to secure this mount to the head set of your bike. Near your digital display you will find 2 cables of similar width with a similar arrow symbol. Connect these together. Connect these into the connection point located in the base of the stem of your bike.
- d. To turn the light on, simply HOLD the UP arrow for 2 seconds. To turn it off, you can hold the UP arrow for 2 seconds again.

3.8 Adding reflectors

Reflectors should be mounted on the bike in order to comply with bicycle and rider safety laws.

- a. Find the white reflector in your accessories box, loosening the screw, fix to the handlebars using a Phillips head screwdriver.
- b. Install the red reflector to the rear of the bike on the right or left seat stay, fixing it to higher up so

it is positioned near the bottom of the seat post (refer to same method as step (a)).

- c. Compress the headset by tightening the stem cap bolt to 5-7Nm.

3.9 Inflating tires

- a. Remove the cap from the tire valve, twist the tire valve and inflate using a pump with Presta valve attachment (recommended 50-75psi, minimum 50psi, maximum 75psi).
- b. Tighten the tire valve, and place the cap back on.

3.10 Check brake calipers

Spin your front wheel to ensure it is rolling smoothly. If there is too much tension (resulting in a slow/tight turn) you can loosen the two (2) x 5mm caliper bolts, then squeeze the brake lever into alignment (right brake lever on your handlebars) before tightening the bolts again.

3.11 Charging your n+ Mercedes Championship Edition eBike

Your electric bike comes shipped at approximately 20% charge and your bike must be charged before first

use. Your battery sits securely and seamlessly in your seatpost and also in the down tube.

Your battery range is 100 km / 62 miles, based on 75kg rider weight riding on flat surface at a mid level PAS, at a constant speed, however this can vary due to wind/weather conditions, riding terrain and rider's style/weight.

Connect the charger to the battery charging dock located underneath the bottom bracket to charge both batteries simultaneously.

You can also charge your seatpost battery remotely, by sliding your saddle out of the frame and disconnecting the cables before placing onto charge.

3.12 Heads Up Display

Your Heads Up Display is made of aluminium alloy material and can withstand temperatures from -20°C – +50°C (-4°F – +122°F)

Power On/Off

- a. Ensure the power button is switched on (located under the saddle on the seatpost)
- b. Hold the MODE button (M) for 2 seconds to turn the display on and off.

Your Heads Up Display features:

- Battery life
- Speed display (including Real-time Speed, max speed and average speed)
- Distance (including single trip distance and ODO display)
- Single trip time display
- Power Assist Levels (PAS)
- Walk assist function display
- Error Code Indicator
- USB charging function

You have 3 button toggles.

- “MODE” = M
- “UP” = arrow UP
- “DOWN” = arrow DOWN

Pedal Assist Settings

Your bike has 3 accessible levels when receiving, and 2 additional levels that require a passcode activation.

You can request access to level 4 and 5 by heading to www.nplusbikes.com/pages/championship-edition-indemnity-form

Information Display Speed/Single Trip Distance/ODO

After the display is powered on, the display will show the current default speed. Short press the MODE button briefly to switch the display information. The sequence of display is:

Real-time speed (Km/h) → Average speed of this trip (Km/h) → Maximum speed of this trip (Km/h)
 → Odometer (Km/h) → Single trip distance (Km/h) → Single trip time → Real-time speed(Km/h).

Walk Assist Mode

Hold DOWN button for 2 seconds to enter WALKING MODE until you see a PAS icon on the screen.

The walk assist mode can only be used when the user is walking alongside the bike.

Battery Power Display

The 5 battery bars represent the capacity of the battery. 5 bars being the fullest possible battery capacity, and a flashing display means urgent charging is required.

Error Code

Your bike will display an error code if a malfunction occurs. You will find instructions on the error details at the back of your user manual.

Please note your bike will not be able to be ridden or used when an error code occurs.

Metric/Imperial Unit Display

Parameters can be displayed as metric/imperial.

To change, hold the UP and DOWN button for 2

seconds to access.

The metric and imperial system parameters can be changed by UP or DOWN. KM is Metric unit, MPH is imperial unit.

USB charging function

Ensure your bike is turned off completely. Using a USB charging chord compatible with your mobile phone, connect your device and the chord to the USB outlet located underneath your handlebars.

When you turn on the bike and display, the display should indicate a charging icon.

Please note if you unplug the phone, the charging will be terminated automatically and will require you turning off your bike to reactivate the charging function.

FAQ

Q: Why can't I turn on the display?

A: Please check whether the battery is turned on, and inspect surrounding damage to the display. If you cannot identify the issue, please reach out to support@nplusbikes.com to arrange technical advice.

Q: How to deal with the error code display?

A: Contact the e-bike maintenance station in time.

Appendix 1: Error Code Definition

21 Power/Current Abnormal

22 Throttle Abnormal

23 Motor Phase Error

24 Motor Hall Defect

25 Brake Failed

26 Undervoltage

27 Speed Sensor Abnormal

28 Torque Sensor Abnormal

29 Temperature Too Hot

30 Abnormal Communication

4/ Comfort features

4.1 Adjusting your saddle position

Small changes in saddle position can have a substantial effect on performance and comfort. To find your best saddle position, make only one adjustment at a time.

Forward and back adjustment: The saddle can be adjusted forward or back to help you achieve a customised fit for your position on the bike. Ask your dealer to set the saddle for your optimal riding position and to show you how to make this adjustment. If you choose to make your own front and back adjustment, make sure that the clamp mechanism is clamping on the straight part of the saddle rails and is not touching the curved part of the rails, and that you are using the recommended torque on the clamping fastener(s).

Saddle angle adjustment: This can be adjusted to suit your comfort. Although standard positioning is horizontal; some riders like the saddle nose angled up or down just a little. Your dealer can adjust saddle angle or teach you how to do it. If you choose to make your own saddle angle adjustment, make sure that the clamp mechanism is clamping on the straight part of the saddle rails and is not touching the curved part

of the rails, and that you are using the recommended torque on the clamping fastener(s).

4.2 Other modifications for comfort

The angle of the brake and shift control levers and their position on the handlebars can be changed to suit. Ask your dealer to make the adjustments for you. If you choose to make your own control lever angle adjustment, be sure to re-tighten the clamp fasteners to the recommended torque as outlined in the Appendix of this manual.

4.2 Adjusting your front suspension

Your bike comes with front suspension which allows up to 100mm of travel for your riding comfort.

To “lock out” the suspension, simply turn the suspension dial located on the right hand side of your forks (when sitting on the bike).

5/ Riding your bike

Riding your n+ Mercedes Championship Edition eBike

Your bike can be operated in two (2) modes: Pedal assist or pedal only.

You can also adjust the gradient or assist level by using the gradient selector located on the handlebar.

5.1 Pedal powered assist mode

Make sure your bike power is turned ON. After 2 revolutions your bike will start to “assist you”. Your bike is equipped with pedal assist torque sensing technology that senses the torque / power input and seamlessly matches it with electric motor assistance. As you pedal harder, the power-assist performs faster. You will notice when you reduce your pedalling efforts, the power assistance behaves accordingly.

To adjust the pedal assist, toggle using the M (mode) button until PAS is visible on the Heads Up Display. You can then use the arrows to toggle up to 5 (highest power assist level) or 1 (lowest).

Please note that to access level 4 and 5 (US only) or level 3 - 5 (rest of world) you will require an additional passcode. Please refer to www.nplusbikes.com.au/pages/ownership_indemnity_form for further information and instructions.

POWER ASSIST SETTINGS (PAS)	MODE	MOTOR ASSISTANCE	POWER (W)	KM/H	MP/H
1	ECO	1	250W	25	15
2	COMFORT	2	250W	25	15
*3	SPORT	2	500W	32	20
*4	SPORT +	2	700W	45	28
*5	TRACK	2	700W	60**	37

**Requires Pass Code Access, **up to 60km/h on private property*

5.2 Pedal mode

To ride as an ordinary bike, please choose right PAS level when starting. Ensure you start no higher than PAS 3, before slowly progressing higher. If choosing PAS 5, please be aware this is our highest output so be cautious when riding. Do not remove any componentry to ride your bike in ordinary unassisted mode as this can damage your bike and motor.

5.3 To ride your bike

- Ensure your bike is charged.
- Turn your bike’s power on.
- Start pedalling and after 2 revolutions your bike’s power assist mode will commence.
- Select the appropriate power assist (PAS) level by using the M button to toggle to the PAS display, and then using the UP and DOWN keys to toggle to the correct level of assistance.

5.4 Safety Check First Ride

- Check rear wheel nut tension that they are sufficiently tight using the 15mm tool. You may refer to the back of this manual for appropriate Nm metrics.
- Before riding, please check that the crank bolts (8mm) are sufficiently tight and if not, tighten.
- Check that the handlebar grip screws are not loose. If they are loose tighten using the 3mm key.
- Check the Belt tension isn’t too tight (once you start to pedal). If so, this is best referred to a qualified service technician to assist in loosening or tightening this to the desired level.
- Ensure your front shock/suspension has enough air in it. You will require a suspension or shock pump for this. We recommend you take your bike into a bike store to assist with correct inflation for your weight. The maximum inflation pressure is 75 - 85 psi dependent on rider and environmental conditions.

6/ Warranty

For peace of mind, your n+ Mercedes Championship Edition eBike comes with a 5 year frame warranty, and 2 year warranty on parts.

Your warranty does not cover incorrect assembly or installation of parts. To find a recommended service center near you, please head to nplusbikes.com, or alternatively a local reputable bike shop with the necessary technical support for your requirements.

Warranty Part**	Warranty/ Guarantee Period*
Alloy Frame	5 years
Carbon Frame	3 years
Forks	2 years
Wheel rims/hubs	2 years
Bars/ stems/ seatposts/ seat clamp	2 years
Brake levers/ calipers/ cranks***	2 years
Batteries/ controllers/ motors	2 years
Headset	2 years
Heads Up Display	1 year

Exclusions

The above warranty, or any implied warranty, does not cover:

- Normal wear and tear on parts such as tires, chains, brakes, motor, cables, gears and wheels in situations where there are no assembly or material defects.
- Bicycles serviced by other than a qualified bicycle service center.
- Additional costs of transport, duties, and assembly/disassembly.
- *** All parts not specifically above mentioned are subject to wear or are consumables and are not covered by warranty including tires, spokes, bearings, brake pads, chains, belts, sprockets, bottom brackets, painted surfaces, saddles, handlebar tape, rubber inserts, bolts, threads, sliding bearing surfaces, non-rechargeable batteries, and pedals.
- If a bike has had any modifications from the original condition.
- Third party components such as SRAM, Enviolo, Gates and Shimano (please refer to

their manufacturer warranties).

- Use of the bicycle for abnormal, competitive and/or commercial activities or for the purposes other than those for which the eBike was designed.
- Damage caused by failing to follow the n+ user manual, guides and website information.
- Paint finish and decal damage resulting from taking apart in competitions, jumping, downhill and/or training for such activities or events or because of exposing the bike to, or riding the bike in, severe conditions or climates.

7 / Warnings

- WARNING: Do not modify, tamper or interfere with any electronics as this will void your warranty and result in serious accidents or death.
- WARNING: Do not interfere with any componentry including levers as this can result in malfunction and injury or death.
- WARNING: Failure to wear a helmet whilst riding can result in serious injury or death.
- WARNING: Do not put your hands near the discs or wheels while they are rotating or directly after braking as this can injure or maim.
- WARNING: Reflectors are not a substitute for required lights. Riding at dawn, at dusk, at night or at other times of poor visibility without an adequate bicycle lighting system and without reflectors is dangerous and may result in serious injury or death.
- WARNING: Do not remove the front or rear reflectors or reflector brackets from your bicycle. They are an integral part of the bicycle's safety system. Removing the reflectors reduces your visibility to others using the roadway. Being struck by other vehicles may result in serious injury or death.
- WARNING: Failure to confirm compatibility, properly install, operate, and maintain any component or accessory can result in serious injury or death.
- WARNING: This bike is not intended for minors in accordance with local eBike regulations. If you are a parent or guardian, you are responsible for the activities and safety of your child/dependent, and that includes making sure that the bicycle is properly fitted to the child, that it is in good repair and safe operating condition, that you and your child have learned and understand the safe operation of the bicycle, and that you and your child have learned, understand and obey not only the applicable local motor vehicle, bicycle and traffic laws, but also the common sense rules of safe and responsible bicycling. You should read this manual, as well as review its warnings and the bicycle's functions and operating procedures with your child, before letting your child ride the bicycle.
- WARNING: Check wires and connectors periodically. Never clean brake rotors with oil. If exposed to water, please wipe down to best maintain the bike condition.
- WARNING: Changing the components on your bike with other than genuine replacement parts may compromise the safety of your bicycle and may void the warranty. Check with your dealer before changing the components on your bike.
- WARNING: If your bicycle does not fit properly, you may lose control and fall.
- WARNING: After any saddle adjustment, be sure that the saddle adjusting mechanism is properly seated and tightened before riding. A loose saddle clamp or seat post clamp can cause damage to the seat post or can cause you to lose control and fall. A correctly tightened saddle adjusting mechanism will allow no saddle movement in any direction. Periodically check to make sure that the saddle adjusting mechanism is properly tightened.
- WARNING: If your saddle causes you pain, numbness, or other discomfort, stop riding until you see your dealer about saddle adjustment or a different saddle.
- WARNING: Be aware that adding aerodynamic extensions to handlebars will change the steering and braking response of the bicycle.

- **WARNING:** Always tighten fasteners to the correct torque. Bolts that are too tight can stretch and deform. Bolts that are too loose can move and fatigue. Either mistake can lead to failure of the bolt, causing you to lose control and fall.
- **WARNING:** An insufficiently tightened stem clamp bolt, handlebar clamp bolt or bar end extension clamping bolt may compromise steering action, which could cause you to lose control and fall. Place the front wheel of the bicycle between your legs and attempt to twist the handlebar/stem assembly. If you can twist the stem in relation to the front wheel, turn the handlebars in relation to the stem, or turn the bar end extensions in relation to the handlebar, the bolts are insufficiently tightened.
- **WARNING:** Do not expose your battery to high temperatures. Do not leave or charge your eBike battery outside, in a car or inside a garage if it is hot out. Heat is by far the largest factor when it comes to reducing lithium-ion battery and exposure to heat can cause injury.
- **WARNING:** Riding with improperly adjusted brakes or worn brake pads is dangerous and can result in serious injury or death.
- **WARNING:** Wet weather impairs traction, braking and visibility, both for the bicyclist and for other vehicles sharing the road. The risk of an accident is dramatically increased in wet conditions.
- **WARNING:** Never inflate a tire beyond the maximum pressure marked on the tire's sidewall or the wheel rim. If the maximum pressure rating for the wheel rim is lower than the maximum pressure shown on the tire, always use the lower rating. Exceeding the recommended maximum pressure may blow the tire off the rim or damage the wheel rim, which could cause damage to the bike and injury to the rider and bystanders. The best and safest way to inflate a bicycle tire to the correct pressure is with a bicycle pump which has a built-in pressure gauge.
- **WARNING:** Applying brakes too hard or too suddenly can lock up a wheel, which could cause you to lose control and fall. Sudden or excessive application of the front brake may pitch the rider over the handlebars, which may result in serious injury or death.
- **WARNING:** Correct tightening force on fasteners – nuts, bolts, screws – on your bicycle is important. Too little force, and the fastener may not hold securely. Too much force, and the fastener can strip threads, stretch, deform, or break.
- **WARNING:** Riding with an improperly tightened seat post can allow the saddle to turn or move and cause you to lose control and fall.
- **CAUTION:** Be careful not to damage the disc, calliper or brake pads when re-inserting the disc into the calliper. Never activate a disc brake's control lever unless the disc is correctly inserted in the calliper.
- **WARNING:** If you can fully close the cam lever without wrapping your fingers around the seat post or a frame tube for leverage, and the lever does not leave a clear imprint in the palm of your hand, the tension is insufficient. Open the lever; turn the tension adjusting nut clockwise a quarter turn; then try again.
- **WARNING:** Do not inflate the fork suspension above the maximum recommended pressure of 85 psi. Riding the bike above the maximum recommended pressure may result in failure of the fork system causing damage to the forks and injury to the rider. It is important to ensure your front shock/suspension has enough air in it by using a suspension or shock pump for this. You can also take your bike into a bike store to assist with correct inflation for your weight.

Appendix A: Parts Torque Recommendations

Pedals	30 - 35 Nm
Rear wheel axle nuts	47 - 60 Nm
Front wheel axle nuts	47 - 60 Nm
Crank arm bolts	40 - 45 Nm
Front brake caliper mount bolt	6 - 8 Nm
Rear Brake caliper mount bolts	6 - 8 Nm
Controller button clamp	4 - 6 Nm
Brake lever clamp bolts	6 - 8 Nm
Brake disc mounting bolts	4 - 6 Nm
Top cap bolts	6 - 7 Nm
Kickstand bolts	10.0 Nm
Seat clamp bolts	12.0 Nm
Stem pinch bolts	6 - 8 Nm
Grip clamp bolts	3.0 Nm



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