Official Licensed Product

AMG PETRONAS FORMULA ONE TEAM



Congratulations on the purchase of your n+ Mercedes-AMG F1® V15 Road Edition

Riding your bike is only a few steps away.

Your Road Edition bike has been fully assembled and tested at the factory. The bicycle is fully functional without any further adjustments being made once the assembly instructions have been followed. For your convenience, your bike is delivered to you partially assembled.

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

If you need support with assembly, please reach out to our support concierge service by emailing support@nplusbikes.com or by heading to nplusbikes.com to search for a qualified service centre near you.

Please note you will need the following tools to complete assembly:

- Round tip scissors or snips
- Torque wrench
- Torx T-25 screwdriver
- 3, 4, 5 + 6mm hex key



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1/ Your n+ Mercedes-AMG F1® V15 Road Edition

1. Saddle/Seat
2. Stem Cap
3. Handlebars
4. Head Tube
5. Front Brake Disc
6. Brake Caliper
7. Pedals
8. Rear Derailleur
9. Seatpost



2/ Assembly

2.1 Unboxing your bike

1. Start off by carefully removing any tape and straps from the outside of your bike's box and remove all parts and accessories included with your bike. These items are:
    - Seat post/saddle
    - Seat clamp
    - Computer GPS mounts
    - Spare derailleur hanger
    - Compression expander plug for fork carbon
    - Carbon bottle cage
    - Headset spacers
    - Carbon paste sachet
2. Now take your bike out of the box carefully, placing it on a bike stand or on a protective sheet laid out on a clean floor.
3. Gently unwrap the bike and cut all the zip ties. NOTE: To prevent scratching your bike, please use round tip snips or scissors to remove the protective wrapping and zip ties.
4. Twist the handlebars into a forward facing position and slide the handlebars on the stem.

2.2 Installing the front wheel

1. First remember to take out the disc brake protection insert (this is a red plastic spacer positioned near your brakes as per image supplied).



2. Now carefully insert the wheel by lining up the wheel hub between the axle holes, enabling the disc rotor to slide carefully between the disc brake pads.
3. Put the axle in, then using the torque wrench and 6mm hex key tighten to 10 Nm. Check to see the wheel alignment is straight and there is minimal rubbing on the disc brake pads when spinning the wheels.



2.3 Installing the handlebars

1. Place the spacers on to the steerer tube in the correct order - circular spacer closest to frame, elliptical spacers and then additional inverted elongated spacer on top.
2. Now place the bars onto the steerer tube so it is firmly compressing the spacers.



3. Next take the thin carbon spacer and place on top of the handlebars and slide onto the steerer tube.



4. Now place the top cap and carefully thread the top stem bolt and tighten with a 5mm hex tool.
5. Straighten the bars and tighten the top cap bolt so that it is firm enough to prevent the bars from flipping side to side without resistance (caution: use caution, as too much force can damage the top tube). Check there is no slack or loose parts in the steerer assembly (bearings, spacers, stem and stem cap) by holding the bars in a normal riding position whilst applying the front brake. You are checking to see that the front wheel does not move by gently rocking the bike forward and backwards.

6. Using the torque wrench with the 4mm hex tool, carefully tighten the two stem bolts on each side (using two hex tools or slowly tightening alternating sides) until you reach the required torque of 5 Nm.



7. Again check the bars are firmly installed and there is no slack throughout the steerer assembly and insert the rubber cap bolt cover to complete the installation of the handlebars.

WARNING! Once bike fit has been determined, the steerer tube should be cut 3mm below the top of the stem. Alternatively, one 5mm spacer can be placed above the stem. There should not be more than 5mm of spacers above the stem. Placing more than 5mm of handlebar spacers above the handler may impact the effectiveness of the expander plug inside the fork.

WARNING! Do not apply grease or carbon assembly paste between the handlebar and the fork steerer tube. Do not twist the handlebar onto the steerer tube. This can result in damage to the carbon fiber composite surface, which may result in catastrophic failure of the fork, resulting in serious personal injury or death.

WARNING! Do not overtighten the handlebar stem bolts. This can result in damage to the carbon fiber composite surface, which may result in catastrophic failure of the handlebar/ stem or the fork steerer, resulting serious personal injury or death.

2.4 Installing the seat post

There are three components required in the installation of your seat post.

1. First slide the rubber seal onto the seat post. At the back of the seat post there is a metric lines marked to assist in positioning.



2. Apply a thin layer of carbon paste to the area of the seat post below your desired clamp height, avoiding the rough area on the seat post.
3. Loosen the bolts on the seat clamp slightly.
4. Using your index finger, position the seat clamp so that the curved side is balanced on your index finger.



NOTE: Take your time, it can be a bit tricky to place the clamp in a flush position without dropping the clamp into the frame.

5. Slowly insert the seat clamp inside the frame so that the bolt is positioned at the bottom, pushing it towards the top tube, until it falls into position. Take your time, it can be a bit tricky to place the clamp in a flush position without dropping the clamp into the frame.

NOTE: Gently tipping the bike forward may help to keep the clamp flush while the seat post is being installed.

6. Insert the seat post carefully, positioning this no lower than the desired height to avoid unnecessary scratching.





7. Tighten the single seat clamp bolt (positioned under the saddle on the top tube) using the torque wrench (set to 6 Nm) and the Torx T-25 tool. Carefully tighten the seat clamp bolt until you can hear a click indicator noise from the torque wrench.

NOTE: Do not try and complete this without the torque wrench as this can damage your bike.

NOTE: It is important that the clamp is flush with the inside of the frame to allow for smooth installation.

2.5 Installing bar mount

1. First unscrew the two bolts under the handlebars carefully using the torque wrench hex 3mm tool.



2. Place the 2 supplied bolts into the mount.
3. Screw the bolts back in to the handlebars using torque wrench and hex 3mm and tighten to 2 Nm gently.



NOTE: Please note the bolts can snap if overtightened.

2.6 Installing bottle cage

1. Start by unscrewing the bolt using the torque wrench and hex 3mm tool.
2. Place your bottle cage on to the bike in the desired position and then tighten screws using the torque wrench hex 3mm to 2 Nm.



2.7 Brake check

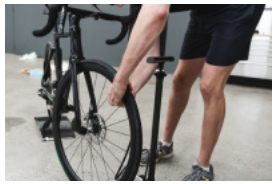
1. Check your brakes are operational by spinning your front and rear rims while checking the brake levers.

2.8 Inflate tires

Your bike comes equipped with Limited Edition Pirelli 700cc tires with a Presta valve.

1. To inflate, remove the valve cap.
2. Twist the top of the valve pin slightly.
3. Using your pump with a Presta valve attachment, start to inflate the tires.

Pump up the tires to maximum pressure of 110 psi or adjust for ride comfort to a minimum of 87psi.



2.9 Adding pedals

Please note pedals are not included in the purchase of your bike. To install pedals, you will need to spin the spanner in an anti-clockwise direction for the left pedals, and clockwise for the right pedals.

2.10 Checking componentry

Please do a final check over of your bikes components including (but not limited to) chain, headset, bars, cranks, derailleur, wheels, tires, brakes and gearing prior to riding.

Your personalised Mercedes-AMG F1® V15 Road Edition bike is now ready to ride.

3/ Customization & servicing your bike

Your bike is constructed using a unique engineered carbon process and therefore requires specialist skills in handling. It is recommended that any changes to your bike including fit and componentry are carried out by a professional bicycle mechanic.

SRAM user manual information

4/ A note on safe riding

First journey: For your first ride select an environment free from hazards or distractions.

Rules and regulations: Always abide by the road rules and respect other road and path users.

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.

Different Riding Conditions: Your bike is designed for pavement/tarmac/smoothe terrain.

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.

5/ Disclaimer & liability

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.

Liability

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.

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.

6/ Warranties

For peace of mind, your Limited Edition n+ Mercedes AMG Petronas Formula One Limited Edition road bike comes with a 3 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 centre 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*
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

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 centre.
- Additional costs of transport, duties, and assembly/disassembly.
- *** All parts not specifically abovementioned are subject to wear or are consumables and are not covered by warranty including tires, spokes, bearings, brake pads, chains, bottom brackets, painted surfaces, saddles, handlebar tape, rubber inserts, bolts, threads and sliding bearing surfaces.
- If a bike has had any modifications from the original condition.
- Third party components such as SRAM 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 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: Failure to confirm compatibility, properly install, operate, and maintain any component or accessory can result in serious injury or death.
- WARNING: 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: 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 or an n+ approved service centre 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: 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.



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