

Welcome!

Please read this guide carefully
before your first ride.

Instructional videos more your thing?
Download the **VanMoof app** →



Scan for the app

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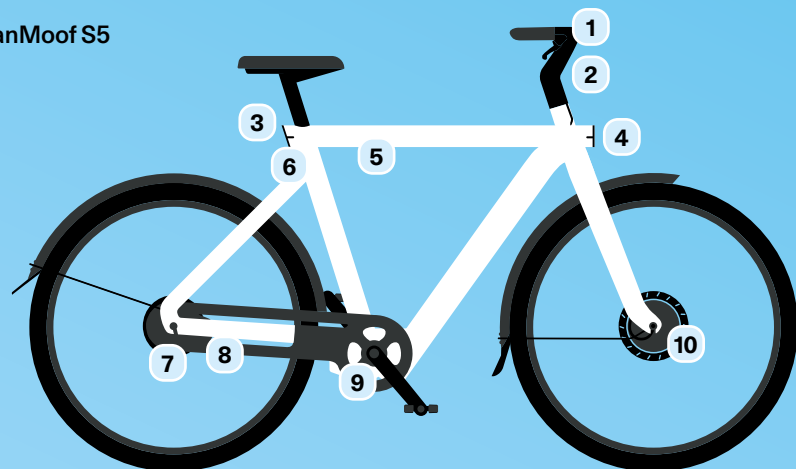
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Know your bike

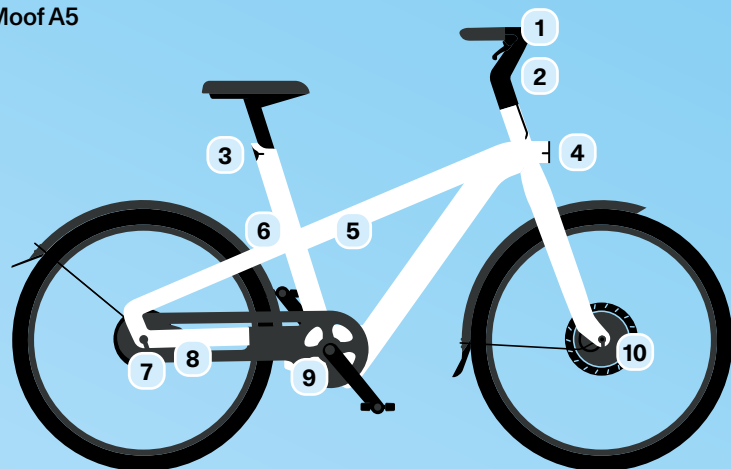
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EU (excl. DE) / UK / Asia

Your bike

VanMoof S5



VanMoof A5



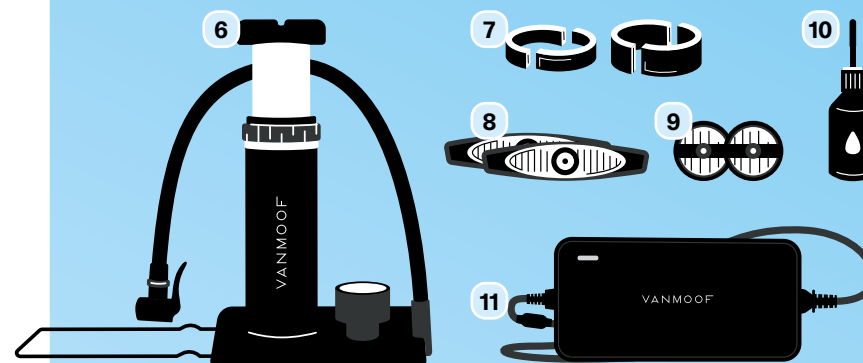
- | | | | |
|---------------------|---|----|-----------------|
| Halo Rings | 1 | 6 | Charging port |
| Phone charging port | 2 | 7 | Gen 5 Kick Lock |
| Rear light | 3 | 8 | Gen 5 E-Shifter |
| Front light | 4 | 9 | Torque Sensor |
| Power button | 5 | 10 | Gen 5 Motor |

Toolbox



- 1 Allen keys N°6, N°5, N°3
- 2 Anti-theft wrench + Anti-theft nut tool
- 3 Anti-theft nuts (x2)
- 4 Washers (x2)
- 5 Motor cable cover + screws (x2)

Included accessories



- | | | | |
|---------------------------------|---|----|-----------------------|
| Tire pump | 6 | 9 | Round reflectors (x2) |
| Handlebar spacers (10mm & 20mm) | 7 | 10 | Chain lubricant |
| Wheel reflectors (x2) | 8 | 11 | Gen 5 Charger |

Build your bike

Hey, nice new wheels!

Follow these next steps to safely assemble your bike.

You'll need some space, a flat surface to assemble, the VanMoof Toolbox, and maybe a friend to help you out. But don't worry, you've got this!

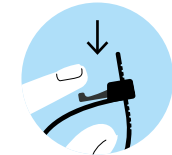


1 – Unboxing



↙ Grab your toolbox from the box and set it aside for later, then gently slide your bike out of the box.

Remove and recycle all protective packaging.

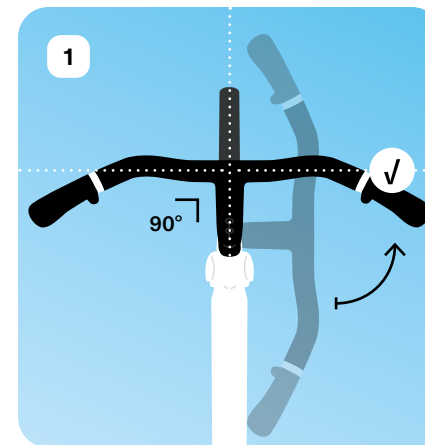


← Squeeze the tab on the cable ties to remove them and save them for personal use.

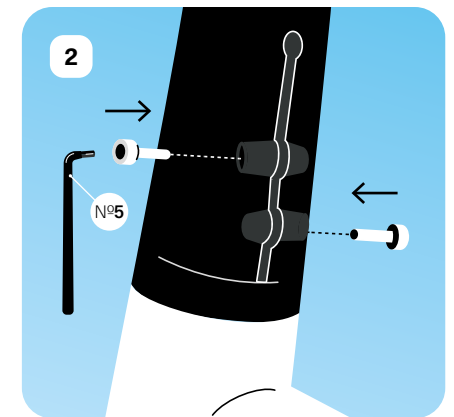


Keep the original box in case you ever need to return your bike.

2 – Turn handlebar

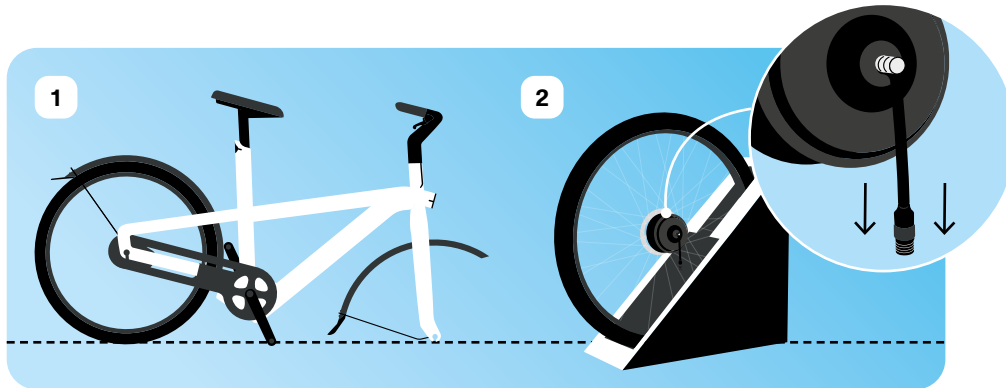


↑ Rotate the handlebar so that it forms a 90° angle with the bike frame.



↑ Tighten the screws just enough to hold the handlebar in place. We'll be adjusting the height later on.

3 — Front wheel



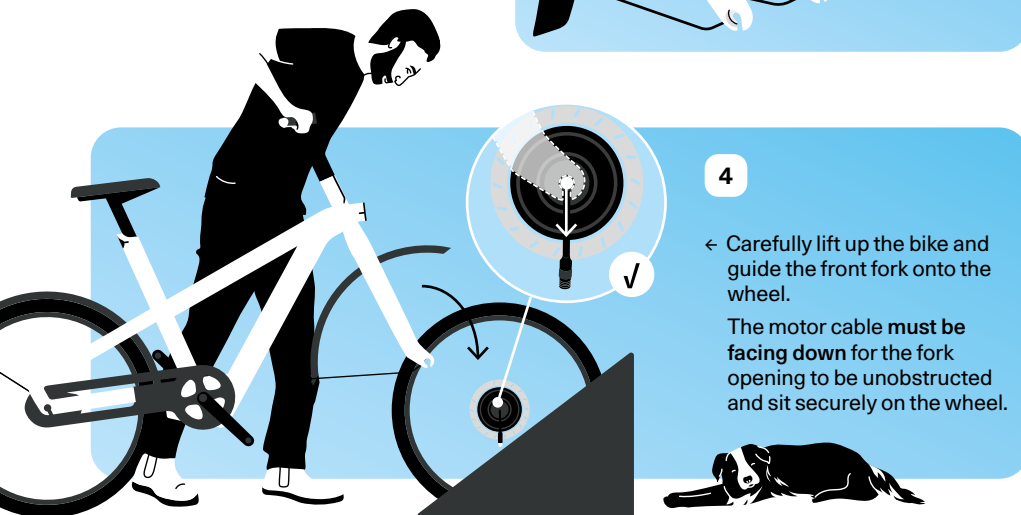
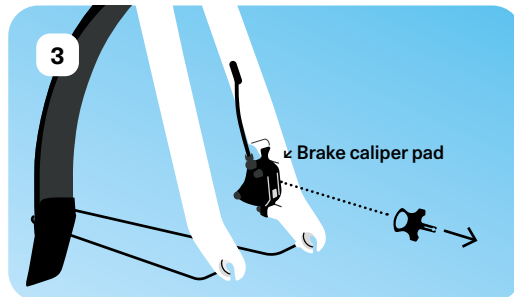
↑ Take the bike out of the front wheel stand. Place it upright on a soft-solid surface to avoid scratching the floor or your bike.

↑ Put the front wheel in the front wheel stand and make sure the motor cable is on the right side and facing down.

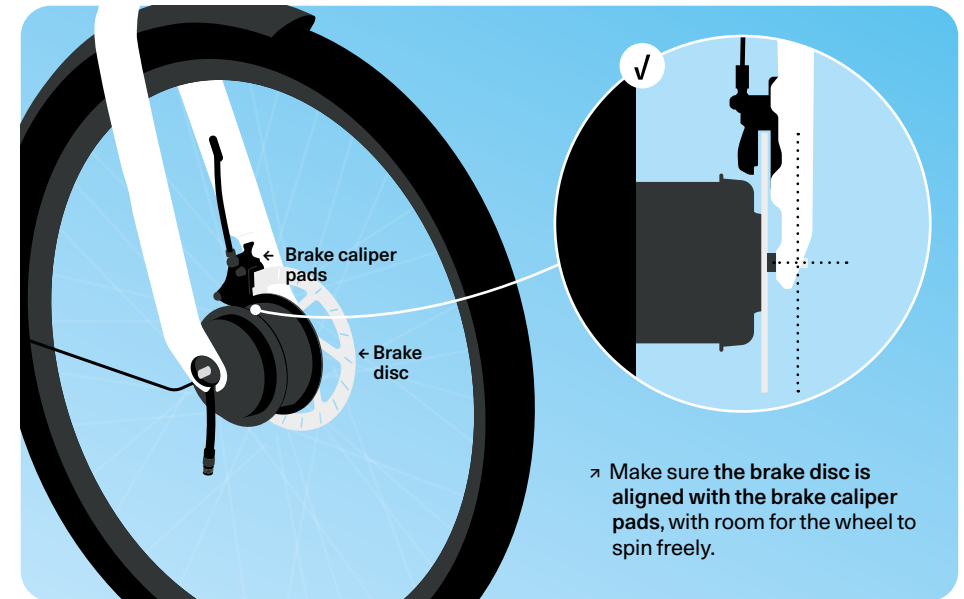


Make sure you don't squeeze the brakes while performing the next steps.

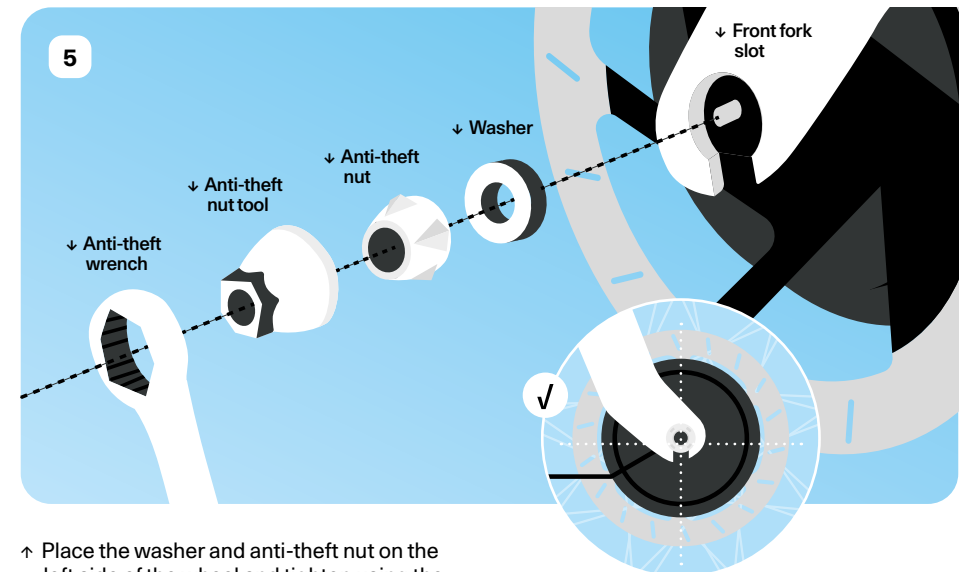
→ Remove the plastic insert from the brake caliper pad.



← Carefully lift up the bike and guide the front fork onto the wheel.
The motor cable must be facing down for the fork opening to be unobstructed and sit securely on the wheel.



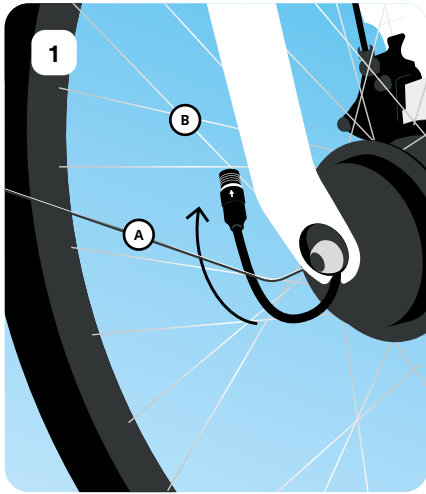
↗ Make sure the brake disc is aligned with the brake caliper pads, with room for the wheel to spin freely.



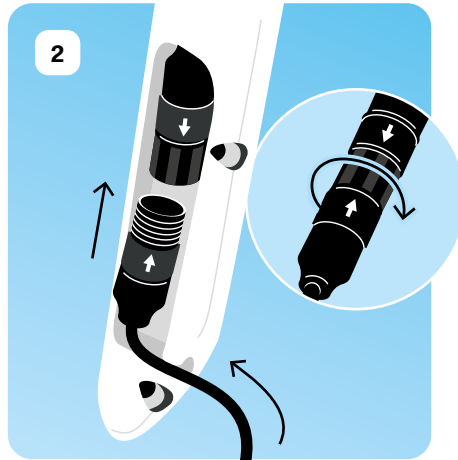
↑ Place the washer and anti-theft nut on the left side of the wheel and tighten using the anti-theft wrench.
The wheel should still be centered.
Repeat with the right side of the wheel.

↗ Check both sides of the front fork, the anti-theft nut should sit in the center of the front fork slot.

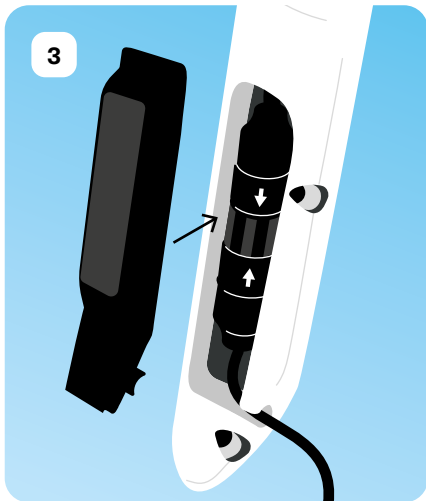
4 – Motor cable



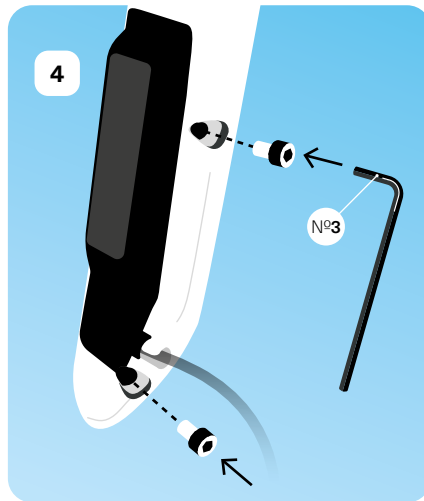
- ↑ The motor cable must go around the back of the fork, between the fender stay (A) and the spokes (B).



- ↑ Align the two arrows on the two motor cable connectors and plug them together.
 → Screw the loose middle part over the red threads until fully tightened.



- ↑ Push the cable and connector into the fork leg and put the plastic cover over the motor cable notch on the front fork.



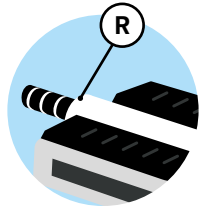
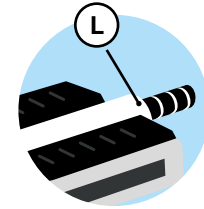
- Tighten the two screws into the motor cable cover. Make sure both of them are secure.

5 – Pedals

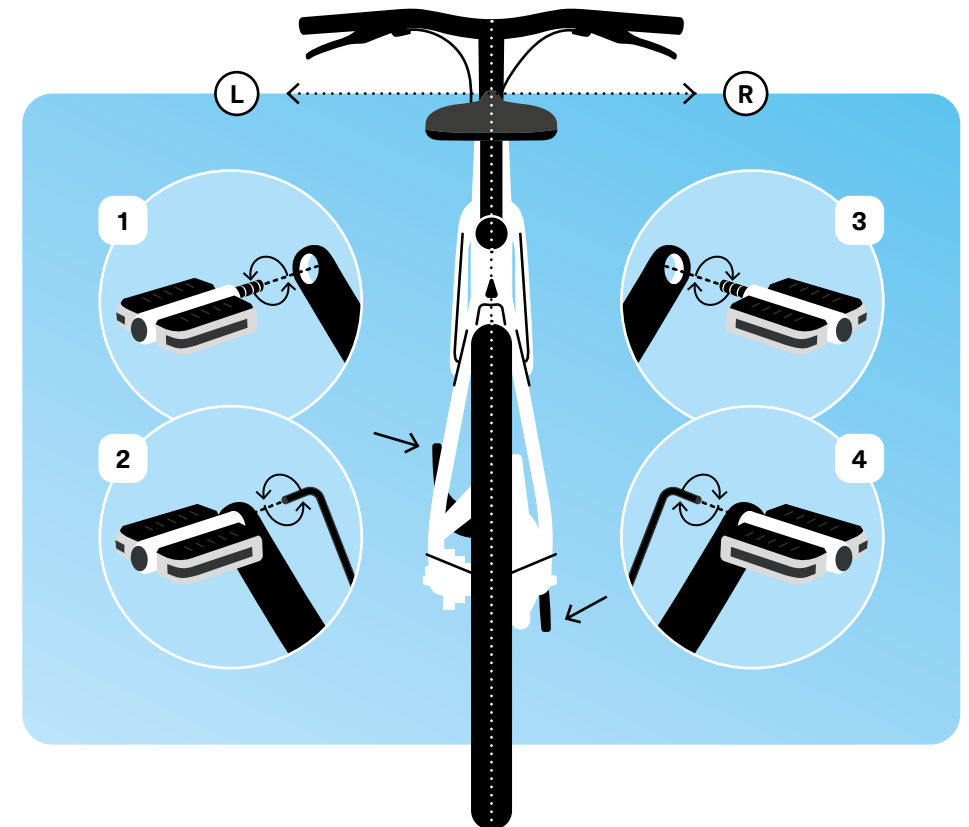
- Identify the left pedal (with an engraved 'L'), and the right pedal (with an engraved 'R').



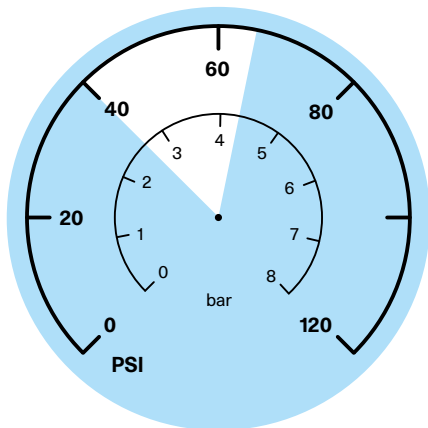
The right pedal is different from the left pedal. It is important to install them in the correct crank to avoid damaging the parts.



- ↓ Stand behind the bike and screw the pedals by hand towards the front of the bike.
 Then tighten both pedals using Allen Key N°6.



6 – Tires



↳ Using the included pump, inflate your tires to 2.75-4.5 bar / 40-65 PSI.

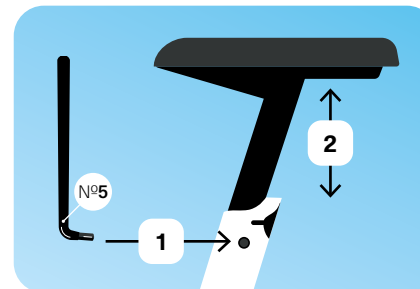
If you ever need a reminder, the recommended pressure is printed on the tires.

✓ 2.75 - 4.5 bar / 40-65 PSI



7 – Saddle

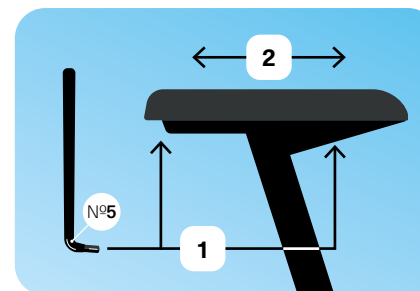
How to adjust the height:



↑ Remove the rubber cap and loosen the screw. Slide the seat to your preferred height, tighten the screw, and put the rubber cap back on.



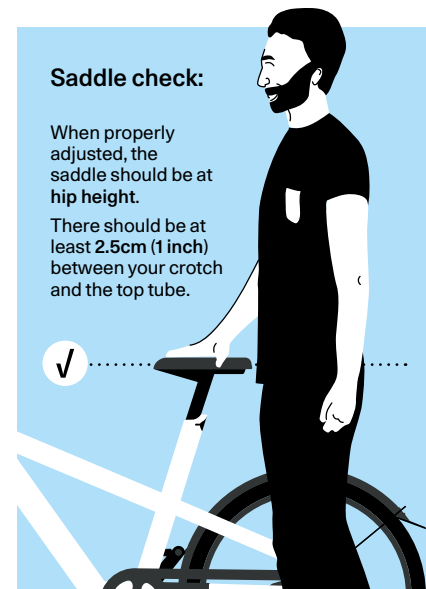
How to adjust the position:



↑ Loosen both screws underneath the saddle, adjust the seat to your preferred position, and tighten the screws.

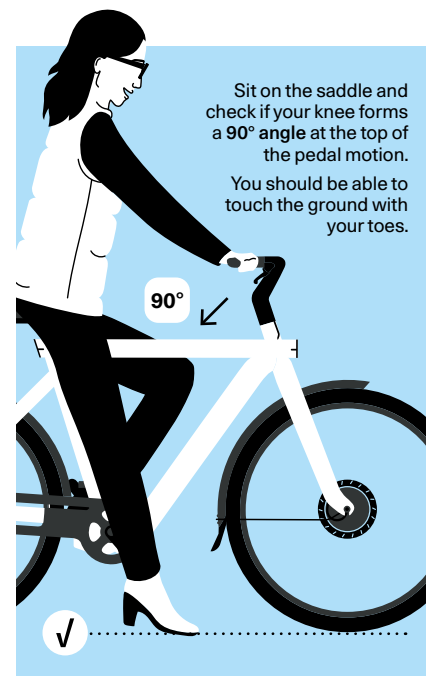
Saddle check:

When properly adjusted, the saddle should be at hip height. There should be at least 2.5cm (1 inch) between your crotch and the top tube.



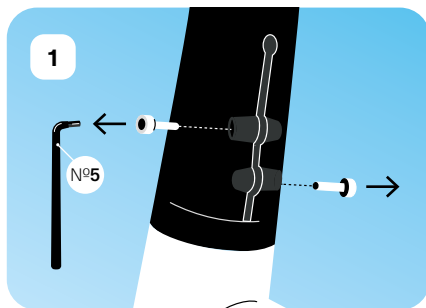
Sit on the saddle and check if your knee forms a 90° angle at the top of the pedal motion.

You should be able to touch the ground with your toes.

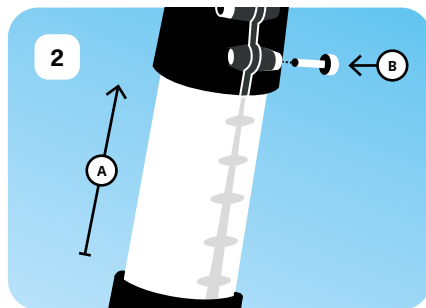


8 – Adjust handlebar

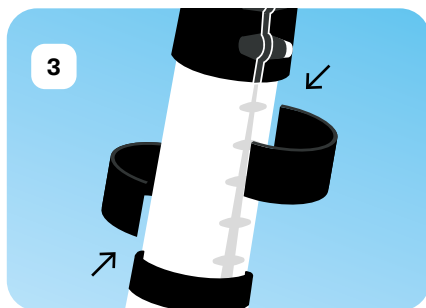
i If you're happy with the height of your handlebars, go straight to 'Handlebar check' at the bottom of the page.



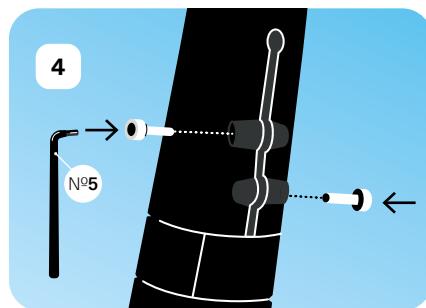
↑ Remove the two screws on the side.



↑ Lift up the handlebar (A), then tighten one of the screws to keep it in position (B).



↑ Place one or the two spacers, loosen the screw and slide the handlebar down.

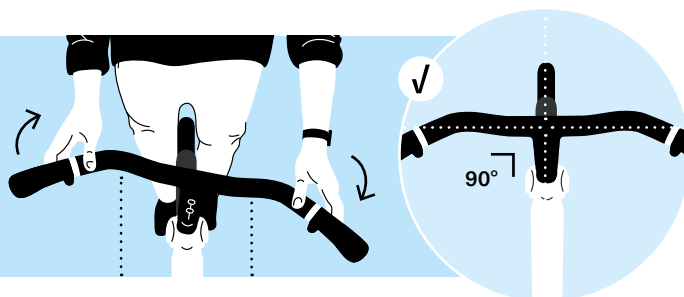


↑ Tighten the screws.

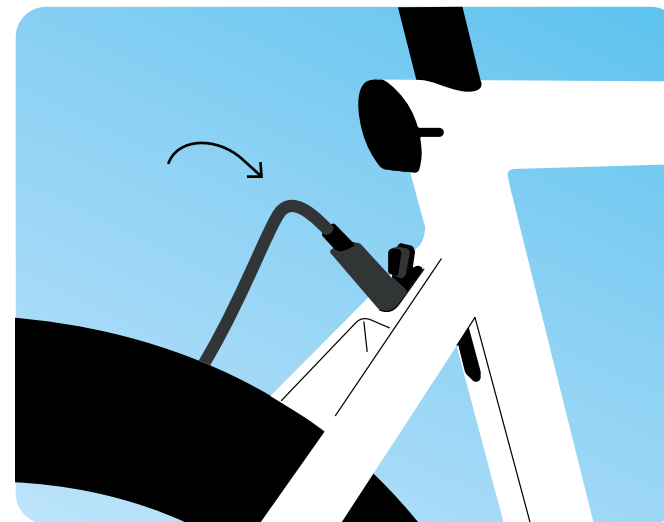
Handlebar check:

→ Hold the front wheel between your knees and try to rotate the handlebar.

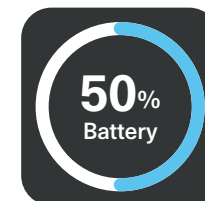
If you can feel any movement, use Allen key N°5 to secure the screws more.



9 – Charging



Gen 5 Charger speed:



50% battery in ≈ 2h30



Full battery in ≈ 6h30

↑ Open the rubber cover located between the rear stays and gently insert the charging plug in the charging port.

i When fully charged, the LED on the Gen 5 Charger will change from red to green.


! Always make sure you put the port cover back on afterward.

! Make sure to carefully read and follow the instructions found on the Gen 5 Charger.

Battery instructions:

- Only use the official VanMoof battery charger.
- Charge your bike indoors, in a well-ventilated dry location (moisture and extreme temperature fluctuations can affect the charging process).
- Your bike will charge best at temperatures between 0-30°C / 32-86°F).
- Place the charger on a hard surface and make sure it is never covered. Never place it on carpet or textile surfaces as the charger may get hot when in use (up to 40-50°C).
- Always keep the plug and connector free of dirt and moisture.
- Do not charge your bike if the charger or plug is damaged. If in doubt, contact us immediately.
- If you don't plan to use your bike for a long period of time, make sure to fully charge your battery every six months.
- Unplug your charger when your bike is fully charged. Don't leave it charging for a very long period of time after the charging is complete.
- Do not charge the battery below 0°C.
- The battery will not deliver power when the internal temperature falls below -10°C.

10 — Bike activation



1 Get your bike out of shipping mode by inserting the charger or pressing the Power button. This will take a few seconds, don't press the button again.

2 Download the VanMoof app, create an account and register your bike.

3 Make sure Bluetooth is enabled. Your bike should automatically connect to the app.

4 Let the app guide you to create a Personal Unlock Code and customize your bike settings.

i If the connection fails, check if your phone is near the bike and the **Bluetooth** is enabled.

Checklist

Have you correctly assembled your bike? Let's find out.

- | | |
|--|---|
| <input type="checkbox"/> Is your front wheel correctly positioned in the front fork dropout? | <input type="checkbox"/> Are the tires inflated to the correct specifications? |
| <input type="checkbox"/> Are the front and rear wheel nuts tightly screwed? | <input type="checkbox"/> Are the pedals screwed on tightly and on the correct side of the bike (they cannot be interchanged)? |
| <input type="checkbox"/> Is the handlebar stem properly tightened with 2 screws? | <input type="checkbox"/> Is the bike battery fully charged before your first ride? |
| <input type="checkbox"/> Is the saddle set at the correct height, with the seat post clamp screw properly tightened? | <input type="checkbox"/> Did you install the app, setup your personal backup code and customize your bike settings? |
| <input type="checkbox"/> Are the brakes properly working when you squeeze them? | |

Ticked all the boxes? Let's get going!



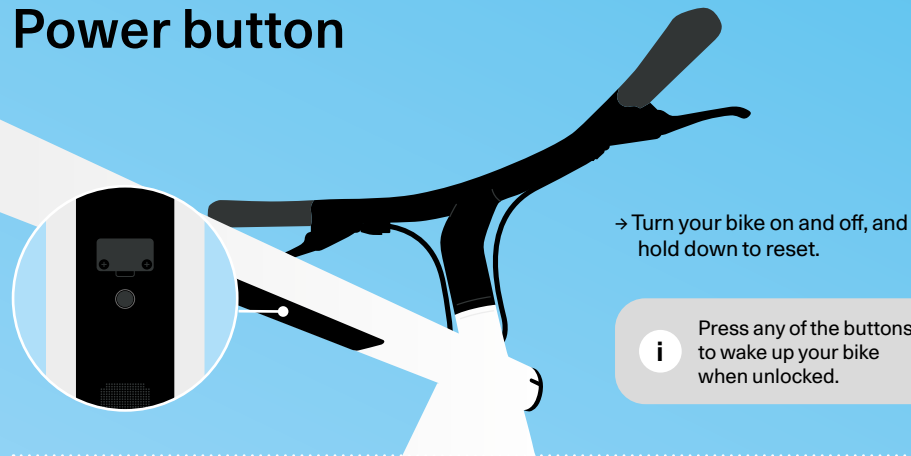
Know your bike

Now that you've assembled your bike, it's time to get familiar with it.

The next few pages will give you a taster, but we recommend using the VanMoof app for a deep dive into all the bike features.



Power button



At your fingertips

Your handlebar is more than just something to hold on to.



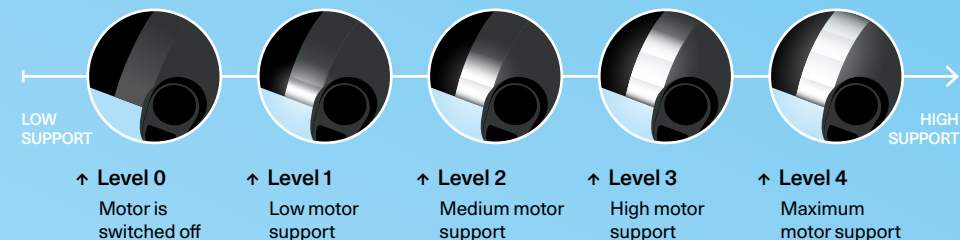
Power Level

The Power Level supports your ride in a smart way. When you start to pedal the motor assistance kicks in giving you extra power.

The harder you pedal the more power your bike receives.

↓ Your Power Level is visualized via the Right Halo Ring. You can change your Power Level in the app when your phone is connected. You can also customize one of the multifunctional buttons to manually do this while riding.

i Your choice of Power Level will affect your battery consumption.



Kick Lock



↑ To lock your bike align the stripes on the Chain Cover with a stripe on the rear hub.



↑ Gently kick the Kick Lock button on the left side of the wheel. You'll hear a locking sound, that means the rear wheel is immobilized and the alarm is enabled.

Maintenance

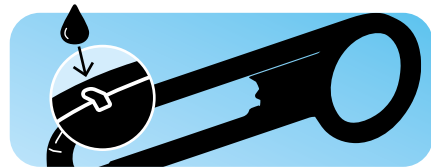
Cleaning

Clean your VanMoof frame using water and a gentle detergent. Don't use a pressure washer to wash your bike, as this can damage the internal electronics.

Chain Cover

Your S5 or A5 is fitted with an enclosed Chain Cover to protect it from dirt. In the rare case where dirt goes inside, remove the chainguard and clean the chain by rubbing it with an oily cloth. With regular use, you can expect your chain and sprockets to last 6,000–8,000km before they need servicing or replacement.

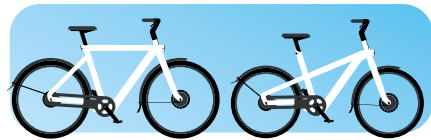
Apply a little lube to your chain every now and then to keep it running smoothly. You can do this by inserting the lube into the hole located near the rear wheel hub.



Digital oil

Make sure the VanMoof app and bike firmware are up to date, to keep your bike running smoothly.

Bike weight



↑ Without additional accessories, the VanMoof S5 weighs 23 kg / 50.8 lbs and the A5 weighs 22 kg / 49 lbs.



The top tube shouldn't be used to carry an extra person.



The total weight of rider & luggage should not exceed 120 kg / 264.5 lbs.

Replacing parts

In the certification process, specific components are defined which are allowed to be used on your VanMoof. In other words the certification only applies if your vehicle uses these parts or replacement parts that have been approved for your model.

If parts are replaced by the user, only original parts or replacements, approved for this bicycle model by VanMoof, may be used. Otherwise the user needs to seek individual permission from local regulatory authorities.

Parts which must only be replaced with approved components:

- | | |
|------------------------|-----------------|
| → Frame | → Lock |
| → Kickstand | → Rims |
| → Fork | → Grips |
| → Handlebar | → Brake system |
| → Motor | → Chain Cover |
| → Seat post and saddle | → Chain |
| → Battery | → Front light |
| → Mudguards | → Rear light |
| → Electronic system | → Crank |
| → Pedals | → Halo Rings |
| → Tires | → Charging port |

Screw connections

It's very important that all bolted connections are secured with the correct torque. Too much torque can damage the screw, nut or component.

Component	Torque
Handlebar stem clamp screws (x2)	7Nm
Handlebar head set bearing screw (x1)	12Nm
Seat post clamp screw (x1)	10Nm
Saddle front/back position screws (x2)	10Nm
Front wheel axle nuts (x2)	30Nm
Rear wheel axle nuts (x2)	30Nm
Motor cable cap screws (x2)	2Nm
Pedals (x2)	40Nm

LIMITED WARRANTY

Warranty term and what is covered: VanMoof BV guarantees each new VanMoof bicycle frame against structural defects in workmanship and materials for a period of three years from the date of delivery. This limited warranty is expressly limited to the replacement of a defective frame, or defective parts, and is the consumer's sole remedy. A repair or replacement under a warranty does not extend the warranty period. This warranty does not affect any statutory rights of the consumer.

What is not covered: This limited warranty does not cover normal wear and tear, improper assembly, improper follow-up maintenance, or installation of parts or accessories by anyone other than a certified VanMoof bike specialist, without VanMoof's explicit instructions. The warranty does not apply to damage or failure due to accident, misuse, abuse, neglect, corrosion, or failure to perform maintenance or service at appropriate intervals as specified in the written instructions provided with the product, the VanMoof application, or at www.vanmoof.com. Modification of the frame or components shall void this warranty.

How to make a claim: Claims under this limited warranty must be made directly to your point of purchase. For online purchases, please contact us at usa@vanmoof.com or by logging in to your account. Original proof of purchase is required. We advise that you keep the product box, as a fee will be charged for replacement boxes.

⚠ WARNINGS

- WARNING:** Do not touch the disk of the front and rear brake while it is rotating or directly after braking. This could result in injury or burns.
- WARNING:** Do not remove the battery before prior approval and instructions from VanMoof. Always immediately contact VanMoof regarding any battery issues.
- WARNING:** Always ride with care. Turning and braking suddenly may cause accidents.
- WARNING:** Do not modify or tamper with the bike's motor or integrated computer systems. Modifying the bike in any way will void your warranty and can lead to accidents resulting in injury or death.
- WARNING:** The left brake handle controls the front wheel brake. The right brake handle controls the rear wheel brake. In the U.K. and Japan, the right brake handle controls the front wheel brake. The left brake handle controls the rear wheel brake.
- WARNING:** Riding in the city or in traffic can be hazardous.
- WARNING:** Failure to wear a helmet when riding may result in serious injury or death.
- WARNING:** Never ride with headphones or talk on the phone while riding, sit only on the saddle of the bike. Do not sit on the top tube.
- WARNING:** Never ride in a situation where you are not able to fully control the bike.
- WARNING:** The VanMoof bikes are not suitable for towing trailers of any sort.
- WARNING:** Take care when riding in wet and slippery conditions. Ride slowly and gently, and apply force to the brakes to accommodate a longer stopping distance.
- WARNING:** Ride at an appropriate speed, in accordance with the terrain, your riding capabilities and local government regulations.
- WARNING:** Disc brakes can produce significant stopping power and may behave differently than other bicycle brake systems. Please familiarize yourself with the brakes before your first ride.
- WARNING:** Always make sure your lights are working properly and not covered or obscured. We recommend using lights in all conditions for maximum visibility.
- WARNING:** This bike is made for riding on paved terrain. Do not use it for racing, mountain biking or for any other form of non-urban cycling. Understand your bike and its intended use; choosing the wrong bicycle for your purpose can be hazardous. Using your bike in the wrong way is dangerous.
- WARNING:** Inspection, maintenance are important to the safety and longevity of your bicycle. Regularly check the brakes, tires, steering, and wheel rims. Any part of a poorly maintained bike can break or malfunction, leading to an accident resulting in serious injury or death.
- WARNING:** The A-weighted emission sound pressure level at the driver's ears is less than 70db(a).
- WARNING:** You must comply with your country's legal requirements concerning the operation of ebikes and for riding under certain conditions, including bad weather, nighttime, dusk or dawn. Many countries require specific safety devices. It is your responsibility to familiarize yourself with the laws of the country where you ride and to comply with all applicable laws, including properly equipping yourself and your bike as the law requires. In the U.S., regulation of how ebikes are used on public streets is subject to state vehicle codes, and there is significant variation from state to state.
- WARNING:** Operating an ebike at excessive speeds can result in serious injury or death. In the U.S., ebikes are prohibited under federal law from traveling faster than 20 mph, when operating on a level paved surface and being powered solely by a motor.
- 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. Either way, incorrect tightening force can result in component failure, which can cause you to lose control and fall.
- WARNING:** Wheel truing is a skill which requires special tools and experience. Do not attempt to true a wheel unless you have the knowledge, experience and tools needed to do the job correctly.

Disclaimer:

THIS IS A FULL AND COMPLETE STATEMENT OF VANMOOF'S WARRANTY FOR THE PRODUCT. VANMOOF MAKES NO ADDITIONAL REPRESENTATIONS OR WARRANTIES WITH RESPECT TO THE PRODUCT. VANMOOF DISCLAIMS ALL OTHER EXPRESS AND IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, AND, TO THE FULLEST EXTENT PERMITTED BY LAW, ALL IMPLIED WARRANTIES PROVIDED BY STATUTE OR COMMON LAW.

VANMOOF'S LIABILITY UNDER THIS WARRANTY SHALL BE NO GREATER THAN THE AMOUNT OF THE ORIGINAL PURCHASE PRICE. UNDER NO CIRCUMSTANCES, INCLUDING, BUT NOT LIMITED TO NEGLIGENCE, SHALL VANMOOF OR ANY VANMOOF DISTRIBUTOR/SELLER BE LIABLE FOR ANY DAMAGES, INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSSES, THAT RESULT FROM THE USE OF OR THE INABILITY TO USE THE VANMOOF BIKE AND/OR ANY OTHER PRODUCTS OR MATERIALS REFERRED TO IN THIS MANUAL. APPLICABLE LAW MAY NOT ALLOW THE LIMITATION OR EXCLUSION OF LIABILITY OR CONSEQUENTIAL DAMAGES SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

- WARNING:** Loose or damaged handlebar grips, end plugs or extensions should be replaced, as they can expose the ends of the handlebar, which have been known to cause injury, and they can cause you to lose control and fall. Unplugged handlebars or extensions can cut you and cause serious injury in an otherwise minor accident.
- WARNING:** Check reflectors and their mounting brackets regularly to make sure that they are clean, straight, unbroken and securely mounted. Have your dealer replace damaged reflectors and straighten or tighten any that are bent or loose.
- WARNING:** Changing the components on your bike with other than genuine VanMoof replacement parts may compromise the safety of your bicycle and voids the warranty.
- WARNING:** Riding with an improperly secured wheel can allow the wheel to wobble or fall off the bike, which can cause serious injury or death.
- WARNING:** Never inflate a tire beyond the maximum pressure marked on the tire's sidewall. Exceeding the recommended maximum pressure may blow the tire off the rim, which could cause damage to the bike and injury to the rider and bystanders.
- WARNING:** Many states establish age requirements between 14-16 for the operation of e-bikes. Check your state laws for age requirements and other restrictions.
- WARNING:** Do not fit a child seat to the VanMoof bikes, unless installed by a certified VanMoof bike specialist. Attaching a child seat to a VanMoof bike by any other than a certified VanMoof bike specialist may result in injury or death.

Federal Communications Commission (FCC) Statement:

This device emits a signal that complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential area.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement:

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

WARRANTY

VanMoof BV guarantees each new VanMoof bicycle frame against defects in workmanship and materials for three years. All original components are guaranteed for a period of three years from the date of delivery. This warranty is expressly limited to the replacement of a defective frame or defective parts and is the consumer's sole remedy. A repair or replacement under a warranty does not extend the warranty period. Claims under this warranty must be made directly to your point of purchase in your country. Proof of purchase is required. We advise you to keep your box, since replacement boxes are not covered by the warranty. If you need a replacement box, we'll send you one for an additional fee. This warranty does not cover normal wear and tear, improper assembly or follow-up maintenance, or installation of parts or accessories. The warranty does not apply to damage or failure due to accident, misuse, abuse, neglect, corrosion, or failure to perform maintenance or service at appropriate intervals as specified in the written instructions provided with the product, the VanMoof application, or at www.vanmoof.com. Modification of the frame or components shall void this warranty. VanMoof BV is not responsible for incidental or consequential damages. This warranty does not affect any statutory rights of the consumer.

⚠ WARNINGS

1. **WARNING:** Do not touch the disk of the front and rear brake while it is rotating or directly after braking. This could result in injury or burns.
2. **WARNING:** Do not remove the battery before prior approval and instructions from VanMoof. Always immediately contact VanMoof regarding any battery issues.
3. **WARNING:** Always ride with care. Turning and braking suddenly may cause accidents.
4. **WARNING:** Do not modify or tamper with the bike's motor or integrated computer systems. Modifying the bike in any way will void your warranty and can lead to accidents resulting in injury or death.
5. **WARNING:** The left brake handle controls the front wheel brake. The right brake handle controls the rear wheel brake. In the U.K. and Japan, the right brake handle controls the front wheel brake. The left brake handle controls the rear wheel brake.
6. **WARNING:** Riding in the city or in traffic can be hazardous.
7. **WARNING:** Failure to wear a helmet when riding may result in serious injury or death.
8. **WARNING:** Never ride with headphones or talk on the phone while riding, sit only on the saddle of the bike. Do not sit on the top tube.
9. **WARNING:** Never ride in a situation where you are not able to fully control the bike.
10. **WARNING:** The VanMoof bikes are not suitable for towing trailers of any sort.
11. **WARNING:** Take care when riding in wet and slippery conditions. Ride slowly and gently, and apply force to the brakes to accommodate a longer stopping distance.
12. **WARNING:** Ride at an appropriate speed, in accordance with the terrain, your riding capabilities and local government regulations.
13. **WARNING:** Disc brakes can produce significant stopping power and may behave differently than other bicycle brake systems. Please familiarize yourself with the brakes before your first ride.
14. **WARNING:** Always make sure your lights are working properly and not covered or obscured. We recommend using lights in all conditions for maximum visibility.
15. **WARNING:** This bike is made for riding on paved terrain. Do not use it for racing, mountain biking or for any other form of non-urban cycling. Understand your bike and its intended use; choosing the wrong bicycle for your purpose can be hazardous. Using your bike in the wrong way is dangerous.
16. **WARNING:** Inspection, maintenance are important to the safety and longevity of your bicycle. Regularly check the brakes, tires, steering, and wheel rims. Any part of a poorly maintained bike can break or malfunction, leading to an accident resulting in serious injury or death.
17. **WARNING:** The A-weighted emission sound pressure level at the driver ears is less than 70db(a).
18. **WARNING:** You must comply with your country's legal requirements concerning the operation of ebikes and for riding under certain conditions, including bad weather, nighttime, dusk or dawn. Many countries require specific safety devices. It is your responsibility to familiarize yourself with the laws of the country where you ride and to comply with all applicable laws, including properly equipping yourself and your bike as the law requires.

Disclaimer:

Under no circumstances, including, but not limited to negligence, shall VanMoof or any VanMoof distributor (seller) be liable for any damages, including but not limited to special or consequential damages that result from the use of, or the inability to use, the VanMoof bike and/or any other products or materials referred to in this manual, even if VanMoof has been advised of the possibility of such damages. This disclaimer does not affect the statutory rights of the consumer.

19. **WARNING:** Operating an ebike at excessive speeds can result in serious injury or death. All countries have maximum speed requirements. It is your responsibility to familiarize yourself with the laws of the country where you ride and to comply with all applicable traffic laws.
20. **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. Either way, incorrect tightening force can result in component failure, which can cause you to lose control and fall.
21. **WARNING:** Wheel truing is a skill which requires special tools and experience. Do not attempt to true a wheel unless you have the knowledge, experience and tools needed to do the job correctly.
22. **WARNING:** Loose or damaged handlebar grips, end plugs or extensions should be replaced, as they can expose the ends of the handlebar, which have been known to cause injury, and they can cause you to lose control and fall. Unplugged handlebars or extensions can cut you and cause serious injury in an otherwise minor accident.
23. **WARNING:** Check reflectors and their mounting brackets regularly to make sure that they are clean, straight, unbroken and securely mounted. Have your dealer replace damaged reflectors and straighten or tighten any that are bent or loose.
24. **WARNING:** Changing the components on your bike with other than genuine VanMoof replacement parts may compromise the safety of your bicycle and voids the warranty.
25. **WARNING:** Riding with an improperly secured wheel can allow the wheel to wobble or fall off the bike, which can cause serious injury or death.
26. **WARNING:** Never inflate a tire beyond the maximum pressure marked on the tire's sidewall. Exceeding the recommended maximum pressure may blow the tire off the rim, which could cause damage to the bike and injury to the rider and bystanders.
27. **WARNING:** Many countries establish age requirements between 14-16 for the operation of e-bikes. Check your national laws for age requirements and other restrictions.
28. **WARNING:** Do not fit a child seat to the VanMoof bikes, unless installed by a certified VanMoof bike specialist. Attaching a child seat to a VanMoof bike by any other than a certified VanMoof bike specialist may result in injury or death.