VYBER

INSTRUCTION MANUAL

CONGRATULATIONS! ON YOUR NEW VYBER E-BIKE.

HELLO!

We are glad that you made the right choice and bought a Vyber e-bike. We have put all our effort in creating an e-bike that we are proud of and you can enjoy. To optimally enjoy your e-bike it is very important to keep maintaining your e-bike yearly at a Vyber dealer.

In this user manual you find tips and tricks that will help you use the bike correctly.

It is very important to use the battery pack correctly. In this user manual we explain how you can optimize the range and lifetime of your battery. Apart from lasting longer it also helps you getting the most out of your Vyber e-bike.

We hope you enjoy your e-bike! Enjoy your ride!

With kind regards,

Ruud van den Broeke & Peter Lubbers
Vyber Cycles B.V. / Industrieweg 9 - 7641 AT Wierden / hello@vyber.com / vyber.com

VYBER

INTENDED USE.

Vyber e-bikes are meant to be used on public roads, paved roads and bike lanes only. Vyber e-bikes should not be used for off-road cycling. Incorrect use of the e-bike can lead to injuries and undo the warranty.

Make sure you are aware of the most recent law and regislations in the country where you use the e-bike, especially regarding the correct lighting, reflectors and helmets.

Make sure that only by Vyber type approved components are used to replace safety-critical parts. These parts you can find on the last page of this user manual.

Tampering, which means modifications of the e-bike design, system or parts, especially the sprockets, is not aloud and could lead to injuries, undo the warranty or result to the e-bike not complying with the law and regulations. Users are responsibile for any damages that are the result of any type of modification.

The A-weighted emission sound pressure level at the driver ears is less than 70Db(A).

WARNING.

As with all mechanical components, E-bikes are subjected to wear and high stresses. Different materials and components may react to wear and stress fatigue in different ways. If the design life of a component has been exceeded, it may suddenly fail, possibly causing injuries to the rider. Any form of crack, scratches or change of colouring in highly stressed areas indicate that the life of the component has been reached and it should be replaced.

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VYBER XPERIENCE (COLOR) DISPLAY AND CONTROL PANEL.

Display


Control panel

TURNING THE E-BIKE ON AND OFF.

Press the **[MODE]** button on the control panel for 2 seconds to turn on or turn off the e-bikesystem.

Note: There should be no force on the pedals while turning on the e-bike. This can limit the force of the motor.

As soon as during use you dont use force on the pedals, or if you reach 25 km/hr, the support of the motor will be switched off. The support will be activated again when you add force on the pedals, or when the speed is below 25 km/hr again.

When you finished your ride, the e-bike system will be automatically turned off after around 15 minutes.

BATTERY CHARGING INDICATIONS.

The battery charging indication shows the current charge status of the battery. This can also be found on the leds of the battery itself. Each line in the battery symbol indicator corresponds with around 20% of capacity:

	The battery is fully charged.
	The battery needs to be charged.
	The battery is without any charge, and does not support the e-bike system. Any leftover battery capacity will be used for the lights and display.

SUPPORT LEVELS.

You can use the control panel to choose the support levels. The support levels can be changed any moment, also during cycling. You can always find the current support level on your display.

You can choose between the following 5 support levels:
OFF: The support is not activated. The e-bike can be used like a normal bicycle.
ECO: Effective support with maximum efficiency for maximum distance. Choose support level 1 or 2.
TOUR: Smooth support for roadtrips with long distances. Choose support level 3.
BOOST support level 4: Strong support for sporty rides on hilly areas and use in cities.
BOOST support level 5: Maximum support fo sporty rides.

If you want to **increase** the support level you can press the button **[+]** on the control panel until you see the wanted support level on the display.

If you want to **decrease** the support level, you can press **[–]**.

WALK ASSIST.

Turning Walk Assist on and off.
Vyber e-bikes have a Walk Assist option. The speed of the Walk assist depends on the current gear and is maximum 6km/hr. **Lower gears, will result in lower speed of the Walk Assist.**

If you want to activate the the Walk Assist, singlepress the **[MODE]** button and after hold the **[-]** button on the control panel.
The Walk Assist symbol will appear in the display and will be activated.

The Walk Assist will be switched off when one of the following situations occur:
- You stop pressing the **[-]** button.
- The wheels are blocked. (by for example braking, or touching an obstacle)
- The speed reaches 6 km/hr.

The Walk Assist function should only be used while walking with the e-bike.
If the wheels of the e-bike are not in contact with the ground during the use of the Walk Assist, there is risk of injury or damage.

VYBER XPERIENCE (COLOR) DISPLAY AND CONTROL PANEL.

Display

SWITCHING THE LIGHTS ON AND OFF.

In the type of e-bike that have lights connected to the e-bike system, the front and rear lights are simultaneously switched on by pressing the button with the light symbol **[ ]**.
When the lights are on, the **[ ]** symbol is visible on the display. Switching the lights on and off does not influence the background clarity of the display. The background light of the display will be activated as soon as the system or the display is switched on.

Control panel

SPEED AND DISTANCE INDICATIONS.

The **speed indicator** always shows the actual speed.
In the **function indication**, (a combination of text or value indication) you can choose to see the the following functions:

TRIP: The distance since the last reset.
AVG: The average speed since the last reset.
MAX: The maximum speed since the last reset.
ODO: The total distance on the e-bike. (you can not reset this value)
CAD: Indication of amount of rotations per minute.

To switch between these indications, press the **[MODE]** button on the control panel until the indicaton that you wish to see appears on the display.

To reset **TRIP**, **AVG**, **MAX** and **CAD**: choose one of these functions followed by pressing the **[-]** en **[+]** simultaneously for around 5 seconds until the indication will show zero. After this reset all the values of the other functions will be zero also.

IMPORTANT DURING GEARSHIFTING!

WARNING.

Stop pedaling while gearshifting. Our powerful midmotors are using a lot of force at the pedals and hubs and gearshifting while pedaling could damage the geared hub.

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OPTIMISE THE RANGE AND LIFETIME OF THE BATTERY.

RANGE AND LIFETIME.

The ‘range’ is the distance that you can cover with your e-bike before you have to charge the battery again.
The ‘lifetime’ of a battery is the time that the battery lasts before it would have to be replaced. If you optimise these two, you get the most out of your Vyber e-bike.

DO NOT CYCLE UNTIL THE BATTERY IS COMPLETELY EMPTY.

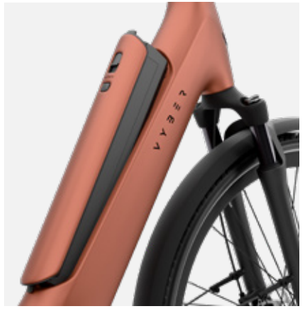
If you want to optimise the lifetime of the battery it is not recommended to cycle until the battery is completely empty. When the battery is completely emptied, a deep discharge can occur. After this the battery would not be able to charge anymore.

NOT TOO HOT. NOT TOO COLD.

The battery is designed to function well within a large temperature range, but the **ideal temperature** during use is **between 16 °C and 22 °C**.
It is important to not expose that battery to temperatures above 35 °C. You risk permanent decrease of battery capacity. That means that after charging the battery will have less range than the specifications describe.

The risk is higher when charging the battery in too high temperatures. Even only storing the battery in too high temperatures, could lead to damages.

If you use the battery in very cold environments, you might notice that the battery range is less. This is temporary. When the battery is used again in normal temperatures the range will be normal again.



IDEAL TEMPERATURES FOR VYBER- BATTERIES.

Vyber-batteries function best at a temperature between 0 °C and 35 °C.
Temperature while storing : -20 °C tot 45 °C.

STORING BATTERY HALF EMPTY.

If you are planning not to use your e-bike for a longer period of time, there are 2 important factors that influence the conditions of the battery.
The storage temperature and the percentage of charge at the moment that you store the battery. We recommend the following:

- Make sure the battery is not fully charged but also not completely empty. a charge of around 50% is ideal. If you store the battery for a long period of time discharged, a chemical process could occur after which the battery can not be charged anymore.
  If you store the battery fully charged, loss of capacity could occur which decreases the range.
- Take the battery out of the e-bike. Make sure it does not connect to e-bike anymore.
- Choose a cool (maximum 32 °C), dry place to store the battery.
- If you store the battery longer than 6 months, you should charge to 50% every 6 months. When you take the battery out of the storage it could be empty. (depending how long it has been stored)
  In that case the battery should first be charged for around twenty minutes using the original adapter before you can use the e-bike again.

REMOVE THE CHARGER FROM THE BATTERY WHEN THE BATTERY IS FULLY CHARGED.

When the 4 indication leds on the battery pack are green, it is time to remove the charger from the battery. Note: one of the leds will always remain red. Constantly charging the battery if it is already fully charged could lead to damage or loss of capacity.

DO NOT START CYCLING IN THE MAXIMUM SUPPORT MODE.

It is important that the cells of the battery have some time to ‘warm up’. We advise to start cycling in a low support mode (supportmode 1 or 2). After some minutes you can switch up to support mode 5 without worries.

CLEANING, MAINTENANCE AND TRANSPORT.

Before cleaning the e-bike the battery must always be removed. Make sure to not use water directly on the electrical components. Do not use a pressure cleaner.

Before transport of the e-bike, the battery must be removed and put for example in a safe place in the car.

- Always follow the instructions on the label of the battery .
- Do not make any changes on the electrical system of the e-bike.

Do not try to manipulate the speed or other electronic parts of your e-bike. This could result in injuries and undo the warranty.

The rolling resistance can be minimalised by using a correct tire pressure.
Note: You can maximise the range by using the maximum tire pressure. You can find the maximum pressure on the side of the tires.

PREPARATION.

ADJUST SADDLE HEIGHT.

To start riding well prepared, you can adjust the saddle on a for you comfortable height.
To do this, you can release the seatclamp with a 5mm Allen key.
Put the saddle on the correct height and tighten the seatclamp again. (you can find the torque values on the last page of this user manual)
Note! Make sure to never exceed the insertion limit as show on the seatpost.

ADJUST THE STEM AND HANDLEBAR.

On the side of the stem, you find the bolt to adjust the angle of the stem. On top of the stem you can also adjust the position of the handlebar.
Note! Make sure you tighten everything well after adjusting and make sure not to exceed any maximum insertions as described on the components.

ADJUST SUSPENSION FORK.

If the suspension fork of your bike has a lockout function, you can adjust the suspension of your frontfork. If this is the case you will see a small wheel that can be turned to open/close on top of one of the forks legs.

BRAKES.

Make sure to know which brake lever operates which brake before starting a ride.
The left brake lever is used for the front wheel brake and the right brake lever is used for the rear wheel brake.
If you notice that the brake pads are in contact with the brake disc while not using the brakes, you can adjust the brakes or have the brakes adjusted by a bike mechanic.
The steps are: Untighten the two bolts of the brake caliper with a 5mm Alllen key. Move the caliper until the brake disc is in the middle of the brake pads and is not in contact anymore with the brake pads. Tighten the brake caliper with the correct torque value, which can be found on the last page.

Important!

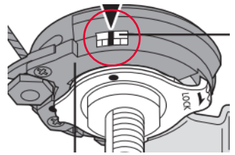
- The brake pads are consumables and have to be replaced with by Vyber approved brake pads.
- The brake discs can become very hot during cycling. Do not touch the brake discs, during or shortly after cycling.
- While cycling in wet weather circumstances, it can take longer to brake and stop the bike.
- Cycling with extra weights such as luggage, can influence the steering and braking, especially in curves.

GEARS.

If your bike is equipped with Shimano Nexus 5 or 7 gears and you notice that shifting is not smooth, you can have the gears adjusted by a bike mechanic or try to adjust them yourself.

The steps are as follows:
Set the gears to 3rd gear for Nexus 5 or 4th gear for Nexus 7.
At the hub in the rear wheel you can check the gear adjustment: the two yellow lines must be aligned, as shown in the picture below.

Yellow lines



If that is not the case, you can turn the adjustment barrel next to the gearshifter on the handlebar until the yellow lines are aligned. Check again after a short ride if the gears are still properly adjusted.

Adjustment barrel

CHAIN.

If you notice that gearshifting is not smooth after a while of using the bike, the chain could be worn and needing a replacement. It is important to replace the chain in time, because a worn chain can also result in wear of the chainwheels.
If you are in doubt if the chain tension is still good, you can have this checked by a bike mechanic and have it tensioned or replaced if needed.
In general, a chain is tensioned properly when you can lift it up and down 1 cm from the middle of the chain. If this is not the case, the chain can be tensioned. Only do this if you are experienced in tensioning bike chains and have the correct tools to do this.

The steps are:

1) Untighten the rearwheel and brake caliper.
2) Untightend the dropout bolts to be able to put the wheel further backwards in the dropouts.
3) Make sure the wheel is centered in the frame when you tighten it again according to the correct torque values.
4) Tighten the dropout bolts with the correct torque values.
5) Adjust the rearbrake and tighten the caliper with the correct torque values.

Note! Follow the correct torque values for your e-bike model. The values can be found on the last page of this manual.
Check the chain tension again. If the rear wheel is already on its maximum position in the dropout, and the chain is not tensioned yet, the chain needs to be replaced.

BELT.

If your e-bike had a belt drive, the following advices are applicable:
The belt can be cleaned with water if it is dirty, but make sure to not use a pressure cleaner.
The belt does not need a lot of maintenance, as long as the belt is properly tensioned.
If you notice that the belt is running less smooth, of seems to miss teeth, visit your dealer to have the belt tension checked.

- Also make sure the belt is checked during each maintenance visit for tension or wear.
- Only let an experienced mechanic with the neccessary knowledge tension or replace the belt.
- If you notice any visible damage of the belt, such as damaged teeth, have the belt checked by your dealer.

QUICK RELEASE WHEELS.

E-bikes with quick release wheels.

- Make sure that the quick release handle of the front wheel is always parallel with the frontfork, and the quickrelease handle of the rear wheel is always parallel with the frame.

MAINTENANCE.

- Regularly check the rims for tears or other types of wear.
- Regularly check the tire pressure.
- Regularly check if the brakes are functioning properly, if the braking pressure is sufficient and if the brakepads are not worn.
- Check regularly if there is no play on the stem or the headset.
- The metal parts such as the safety lock, pedals, outside of bolts and frontfork can be greased with an acid free vaseline.
- The moving components such as chainwheels, hubs, and chain can be cleaned and greased with oil or grease. Ask your bike shop to advise you in using the correct products.

- **Important!** Make sure no type of oil or grease comes in contact with the brake pads or brake discs. This could result in noise while braking and less well functioning brakes.

To keep your e-bike in as good as possible conditions it is important to follow the recommended maintenance plan made by your dealer or shop.
The frequency depends on the usage of the e-bike.
Generally you will be asked to visit the bike shop 3 months after you buy the e-bike to have the e-bike checked. During this check the spokes and all fixations will be checked and tightened if needed.
After that, the maintenance plan will be revised depending on the use of the e-bike. The maintenance can be called ´minor or major´ service and depends on the distance ridden and time passed.

You can always ask the bike shop or seller for more advice and details about the maintenance plan.

Follow the adviced maintenance plan to secure warranty and safety. Keep the invoices to be able to track which type of services are done and when.

SAFETY INSTRUCTIONS.

1. SAFETY INSTRUCTIONS.

For your safety it is important to read the follow safety instructions carefully before using your e-bike.

1.1 General safety instructions

- Always make sure you are aware of the local and national traffic laws and follow those in the country where you are using your e-bike.
- Only use your e-bike for personal transportation in traffic. Make sure to not exceed the maximum permissible load of your e-bike and e-bike components.
- Only use an e-bike that is adjusted to your size and wishes.

1.2 Before cycling

- If you are using an e-bike for the first time, you should start carefully. An electric system or different types of brakes can be new experienced that you need to get used to.
- Wear well fitting shoes with profiled soles. The pedals could be slippery due to weather circumstances.
- Wear well fitting clothes and avoid loose clothing such as wide trousers, scarves or laces to get caught in moving or turning parts of your e-bike.
- Make sure you are always visible to other road users.
- Check if the lights of your e-bike are working properly.
- Use the front and rear light in the dark or dark weather circumstances such as fog. Pay attention to the reflectors and lights being clean.
- Check the tire pressure. You can find the correct tire pressure on the side of the tires.
- Check if the brakes are functioning properly.
- Completely fold the kickstand before you start cycling.

1.3 During cycling

- Stay alert during cycling and do not get distracted.
- Keep holding the handlebar with both hands.
- Use the common agreed handsignals when changing directions. Do not make movements with the e-bike that can put yourself or others in danger.
- Do not cycle under the influence of drugs, medications, alcohol or other substances that could influence your driving ability.
- Moderate speed and brake sooner when cycling downhill.
- When you brake (hard) never use the front brake only, but use both brakes. If you use only the front brake, the front wheel only will be blocked which could cause a fall forward.
- Do not transport objects that cover your view or compromise the stability.
- Make sure to not exceed the maximum permissible weight of the luggage rack when transporting objects or persons. The maximum permissible weight of the luggage rack is usually printed on the luggage rack. If you are not sure about the maximum permissible weight of the luggage rack, consult your VYBER-dealer.
- Do not let other vehicles pull or push you. Also never pull or push other vehicles with your e-bike.
- This e-bike is not suitable to carry trailers.
- If you fall with your e-bike or if your e-bike falls, always carefully check the e-bike for damages. The steering should always be replaced after a fall, even if there is no visible damage. Even invisible damage could lead to breakage after some time. We advise you to have your e-bike checked by your Vyber-dealer after a fall.

2. OTHER POINTS OF ATTENTION.

2.1 Weather circumstances

- Adjust your speed depending on the weather circumstances.
- Remember that during wet weather, frost, snow or mud, it could take longer to stop and braking could take more time.
- On an icy road it is prefered to walk next to the e-bike.

2.2 Luggage

- Preferably use luggage in bags evenly spread on both sides of the e-bike to create a good balance.
- Make sure that accessories or luggage on the handlebar do not cover the lights and reflectors or press on the cables.
- Never use a steering basket or childseat on an aluminium steering or seatpost.
- Do not carry heavy luggage on the e-bike. On all the e-bikes the maximum permissible load is visible. Consult your Vyber-dealer in case of doubt. Heavy luggage can affect your balance and result in a longer braking time, or taking longer to stop the e-bike.

2.3 Children

- Only luggage racks with a maximum permissible weight of 27 kg. are suitable for using childseats.
- Make sure that all springs, such as the saddle springs and moving parts of the saddle and seatpost are covered, to make sure a childs fingers can not get trapped.
- If you transport a child on the e-bike it will likely take longer to brake and you might experience a different riding and steering behaviour while cycling.
- Be aware that unexpected situations could affect your balance while transporting children on your e-bike. Transporting two children at the same time on the front and rear of the bike is not advised.
- Before leaning the e-bike on the kickstand, the child has to be taken out of the childseat because the e-bike can become unbalanced due to the weight of the child.
- Never use a steel childseat on aluminium steerings or luggage racks.
- Use childseats that have a frame or steering fixation.
- Only transport a child in an EN14344 approved childseat. VYBER-dealers can advise.

2.4 Transporting the e-bike by car

- Always use a certified e-bike rack on the car to avoid damages during transportation of the e-bike.
- Remove the battery before transporting the e-bike.
- Check the e-bike for loose or missing components upon arrival.
- Use a bicycle rack that has a fixation on the frame, this results in better stability during transportation than when the e-bike is fixated on the cranks.
- Make sure the e-bike does not cover any by law needed visible parts of the car.

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SUITABLE COMPONENTS.

SUPR365

Motor	Vyber Evo 70 Nm	**Lighting**	ProLed 50 / LED rear light with brake light
Display	Vyber Xperience-display	**Seatpost**	Promax 27.2 mm, suspension
Battery	520 or 600 Wh	**Rear Carrier**	MIK HD max. 27 Kg
Chain	KMC Z7	**Inner Tubes**	47-60 / 622-635
Brakes	Shimano MT201	**Tires**	Schwalbe Marathon Perf. 47-622
Gears	Shimano Nexus 7	**Cranks**	170 mm
Frontfork	Suspended, 50 mm travel		

MOVE

Motor	Vyber Evo 70 Nm	**Lighting**	ProLed 30 / Rear light internal battery
Display	Vyber Xperience-display	**Seatpost**	Promax 27.2 mm
Battery	400, 500 or 630 Wh	**Rear Carrier**	MIK HD max. 27 Kg
Chain	KMC Z7	**Front rack**	Max. 18 Kg
Brakes	Shimano MT201	**Tires**	Schwalbe Fat Frank 50-622
Gears	Shimano Nexus 7	**Inner Tubes**	47-60 / 622-635
Frontfork	Not suspended	**Cranks**	170 mm

XCITEMNT

Motor	Vyber Evo 80 Nm	**Lighting**	ProLed 100 / LED rear light with brake light
Display	Vyber Xperience-display	**Seatpost**	PostModerne 31.6 mm, suspension
Battery	520 or 600 Wh	**Rear Carrier**	MIK HD max. 27 Kg
Belt	Gates	**Inner Tubes**	50-60 / 622-635
Brakes	Shimano MT201	**Tires**	Schwalbe Energizer Active Plus 50-622
Gears	Shimano Nexus 5	**Cranks**	170 mm
Frontfork	Suspended, 63 mm travel		

RIDE E1 PRO / E1 BELT

Motor	Vyber Comfort+ 80 Nm	**Frontfork**	Suspended, 50 mm travel
Display	Vyber Xperience Color-display	**Lighting**	ProLed 50 / Integrated rear carrier light
Battery	520 or 600 Wh	**Seatpost**	Promax 27.2 mm, suspension
Chain	KMC Z7	**Rear Carrier**	Max. 25 kg, permissible load
Belt	Gates	**Inner Tubes**	47-60 / 622-635
Brakes	Shimano MT201	**Tires**	Schwalbe Energizer Active Plus 47-622
Gears	Shimano Nexus 7	**Cranks**	170 mm

IMPORTANT!

	SUPR365	XCITE	MOVE	RIDE E1-E1 Pro
Total weight of e-bike including battery	30 Kg	31 Kg	30 Kg	30 kg
Total weight of e-bike excluding battery	26 Kg	27 Kg	26 Kg	26 Kg
Total permissible weight on e-bike, including rider and luggage	130 Kg	130 Kg	130 Kg	130 Kg

TORQUE VALUES.

SUPR365

Saddle	2x Bolt, 10 Nm	**Brake calipers**	2x Bolt each caliper, 6-8 Nm
Seatclamp	1x Bolt, max 8Nm	**Brake levers**	1x Bolt each brake lever, 4-6 Nm
Seatpost	1x Bolt, 5 Nm	**Wheels**	2x Nut each wheel, 30-45 Nm
Stem	1x Bolt, see description on the stem	**Luggage rack**	2x Bolt, 8-10 Nm
Grips	1x Bolt each grip, 2 Nm	**Cranks**	2x Bolt, one each crank 35-40 Nm
Dropouts	4x bolt, 10-12 Nm	**Kickstand**	2x Bolt, 10-12 NM

MOVE

Saddle	1x Bolt, 22-24 Nm	**Brake calipers**	2x Bolt each caliper, 6-8 Nm
Seatclamp	1x Bolt, max 8Nm	**Brake levers**	1x Bolt each brake lever, 4-6 Nm
Seatpost	1x Bolt, 5 Nm check torque	**Wheels**	2x Nut each wheel, 30-45 Nm
Stem	1x Bolt, see description on the stem	**Luggage rack**	4x Bolt, 8-9 Nm
Grips	1x Bolt each grip, 2 Nm	**Front rack**	4x Bolt, 3-4 Nm
Dropout	4x Bolt, 10-12 Nm	**Cranks**	2x Bolt, one each crank, 35-40 Nm
Kickstand	1x Bolt, 29-31 NM		

XCITEMNT

Saddle	2x Bolt, 10 Nm	**Brake calipers**	2x Bolt each caliper, 6-8 Nm
Seatclamp	1x Bolt, max 8Nm	**Brake levers**	1x Bolt each brake lever, 4-6 Nm
Seatpost	1x Bolt, 5 Nm	**Rear Wheel**	2x Nut rear wheel, 30-45 Nm
Stem	1x Bolt, see description on the stem	**Front wheel**	Quick release, 10 Nm)check torque
Grips	1x Bolt each grip, 2 Nm	**Luggage rack**	2x Bolt, 8-10 Nm
Dropout	4x Bolt, 10-12 Nm	**Cranks**	2x Bolt, one each crank 35-40 Nm
Frame splitter	1x Bolt, 12 Nm	**Kickstand**	2x Bolt, 10-12 Nm

RIDE E1 PRO / E1 BELT

Saddle	2x Bolt, 10 Nm	**Brake calipers**	2x Bolt each caliper, 6-8 Nm
Seatclamp	1x Bolt, max 8Nm	**Brake levers**	1x Bolt each brake lever, 4-6 Nm
Seatpost	1x Bolt, 5 Nm	**Wheels**	2x Nut each wheel, 30-45 Nm
Stem	1x Bolt, see description on the stem	**Luggage rack**	2x Bolt, 8-10 Nm
Grips	1x Bolt each grip, 2 Nm	**Cranks**	2x Bolt, one each crank 35-40 Nm
Dropouts	4x Bolt, 10-12 Nm	**Kickstand**	2x Bolt, 10-12 Nm
Frame splitter (belt only)	2x Bolt, 12-14 Nm		

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