

NOKO BIKE



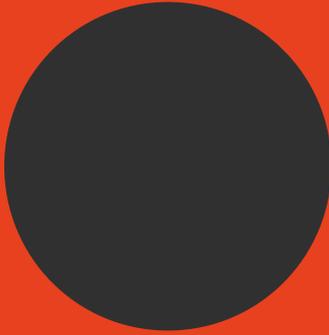
2022

NOKO

USER MANUAL – ENGLISH



NOKO BIKE



NOKO

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1. WELCOME

Dear rider, welcome to NOKO! You are now a member of our e-bike community all over the world. Our team thanks you for choosing our product, and we hope you enjoy the ride.

This manual includes the information you need for the proper usage of **NOKO** e-bikes and your safety. Please, read carefully the information and instructions to follow on the first and subsequent rides. You will also find the guidelines for the necessary periodic maintenance.

For your information, the frame number of your **NOKO** bike is located on the down tube, close to the bottom bracket housing (see the image below). The number consists of a string of letters and numbers, i.e. 0X00TB*000*.



For assistance, please contact us via email at customer@nokobike.com.

NOKO



2. GENERAL WARNINGS

Failure to comply with the instructions and/or warnings contained in this manual is responsibility of the user or the corresponding guardian, in case of a minor.

The instructions contained in this manual are limited to the correct use of your pedal assist bike. The manual does not take into account external factors that may pose a risk to the driver's safety during the ride. The experience of those who carry out the control and/or adjustment operations, the user's ability to drive, compliance with road regulations, route conditions, personal conditions, etc., are just some of the factors that can contribute to the possible risk of falling or suffering injuries.

Controlling these factors reduces the danger, but does not eliminate the risk of falling or suffering injuries. We recommend that you drive with caution, and comply with the road regulation enforced in the country of usage.

This manual explains the most relevant indications and warnings, and is not able to replace the knowledge of a bike mechanic. If you encounter any difficulties during operations, we recommend that you consult an expert in adjusting your **NOKO** before its usage. **You can find the video guidelines for setting your e-bike in the "Support" section of our website www.nokobike.com.**

The instructions in this manual do not teach how to ride a pedal assist bike, therefore the driver is responsible for any harms caused.

The driver must be aware of performing a potentially dangerous activity. We recommend to drive your NOKO with caution, and always respect other road users.

- Do not drive under the influence of alcohol or medication, which impairs driving skills and/or cause drowsiness. The risk is to harm other road users, and face legal sanctions.
- Do not ride with objects hanging from the handlebars or other parts of the frame: they could get into the spokes, and cause an unexpected movement of the handlebar, risking the loss of control of the e-bike.
- Do not ride without front and rear lights. Driving without an adequate light system increases the risk of accidents.
- While riding your e-bike, for your safety it is advisable to wear protective equipment such as: helmet, glasses, and gloves.
- Protect your e-bike from impacts, place your **NOKO** in a stable position, and avoid any falls. If your e-bike encounters a fall, it could result in damage to the components.
- We remind you that **NOKO** e-bikes are not designed to support the weight of another person; it is not possible to transport other people. The maximum supported weight of **NOKO** e-bikes is 120 kg, which includes the load on the rack.



3. INTENDED USAGE

To use your **NOKO** in safety, it is important to be aware that any type of bike is designed and built for a specific use; therefore, it must meet certain requirements. Frames and other components are designed and selected according to the conditions of use to which they are subjected to.

The international standard ASTM F2043-131¹ provides four different categories of bicycles according to the intended usage².

CATEGORY 1: Routes on paved roads.

The first category includes bikes designed for exclusive usage on paved surface, and where wheels remain in constant contact with the ground. **To this category belong the NOKOFORZA and NOKOTEMPO e-bikes.**



CATEGORY 2: Paved and off-road routes with jumps of less than 20 cm.

This category includes bikes and its components included in Category 1, and are also designed to travel on unpaved grounds, dirt roads, and paths with moderate slopes. Jumps of less than 20 cm are allowed. **To this category belongs the NOKOVULCANO e-bike.**



CATEGORY 3: Rough paths and jumps up to 60 cm.

The bikes in this category can be used in the conditions provided by Categories 1 and 2; they are also suitable on rough paths, unpaved roads, and paths that require special technical skills. In this category, jumps of up to 60 cm are allowed.



CATEGORY 4: Rough paths and jumps up to 120 cm.

This category includes bicycles that can be used in the conditions provided by Categories 1-3, in addition to downhill rough trails at speeds above 40 km/h, and extreme jumps up to 120 cm are allowed.



Note.

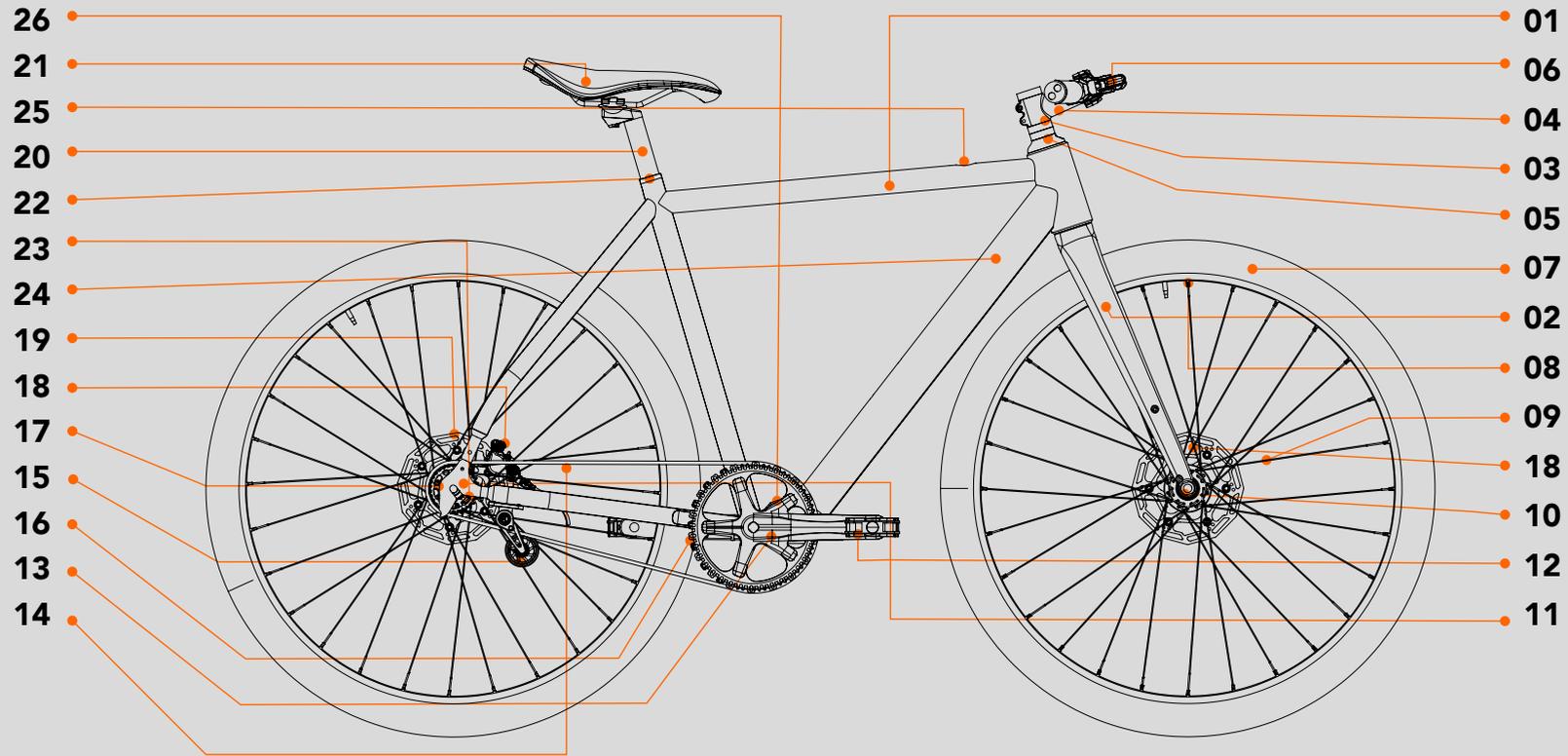
¹For the official record please visit the ASTM website www.astm.org.

²For explanation of the **ASTM F2043-13** Categories the following manuals have been consulted: *GT Bicycle, "Manuale dell'utente. 2020"*, https://www.gt bicycles.com/media/019_GT_OM_131515_IT.pdf; *Campagnolo, "Categorie ASTM"*, https://www.campagnolo.com/media/files/035_2475_ASTM_Categories_Campagnolo_ITA_Rev00_04_2021.pdf.

4. E-BIKE COMPONENTS

4.1 Urban: **NOKOFORZA**

NOKOTEMPO



01. Frame

02. Fork

03. Handlebar stem

04. Handlebar

05. Headset

06. Brake lever

07. Tire

08. Rim

09. Spokes

10. Front hub

11. Dropout

12. Pedals

13. Crank arm

14. Belt

15. Belt tensioner

16. Front cog

17. Rear sprocket

18. Brakes

19. Disc brake

20. Seatpost

21. Saddle

22. Collar

23. Rear hub motor

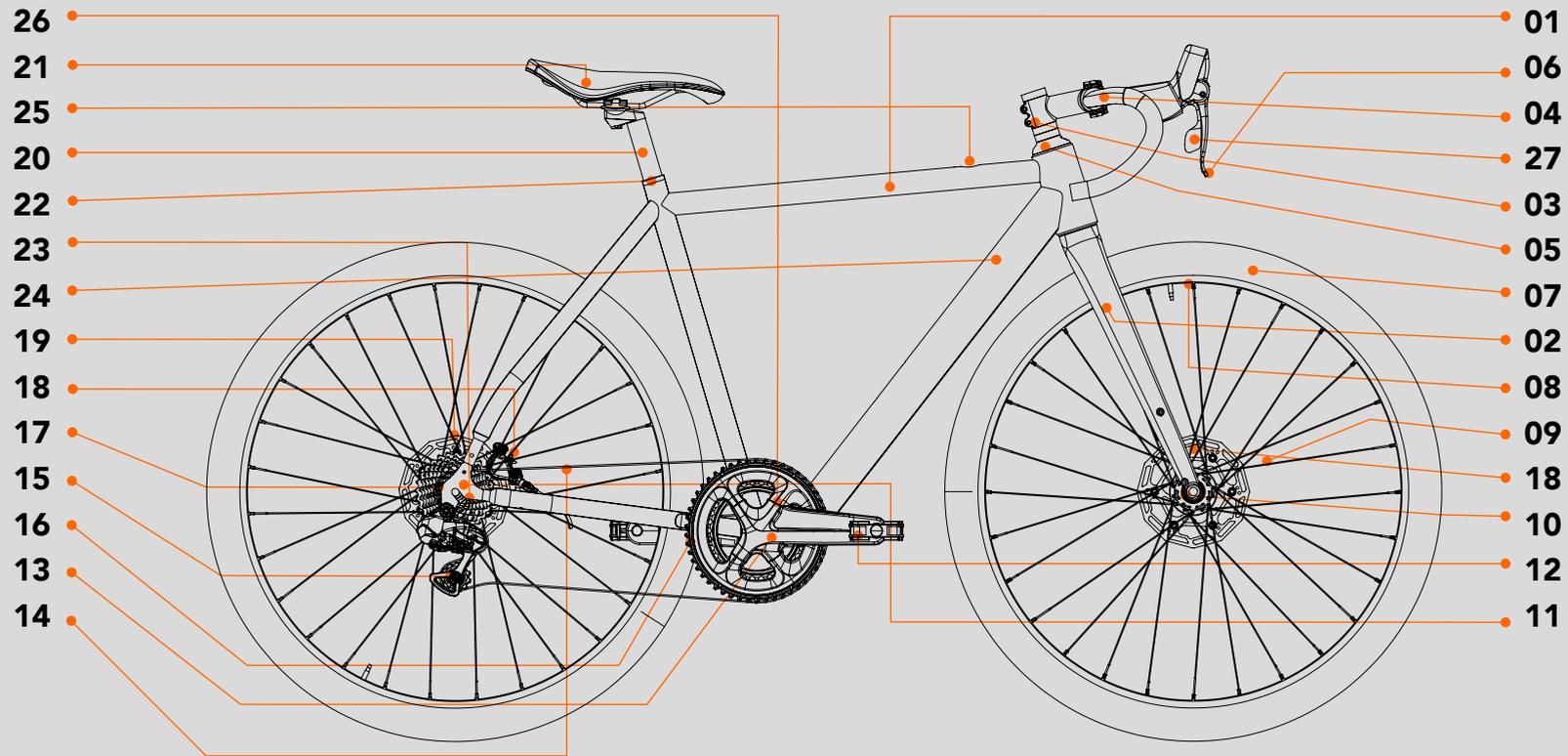
24. Integrated battery

25. Power button

26. Charge socket

* The image above represents the **NOKOFORZA** e-bike. The **NOKOTEMPO** model has the same components; it differs only for the superior tube that slopes downward.

4.2 Mid-Gravel: **NOKOVULCANO**



01. Frame

02. Fork

03. Handlebar stem

04. Handlebar

05. Headset

06. Brake lever

07. Tire

08. Rim

09. Spokes

10. Front hub

11. Dropout

12. Pedals

13. Crank arm

14. Chain

15. Rear derailleur

16. Front chainring

17. Sprocket set

18. Brakes

19. Disc brake

20. Seatpost

21. Saddle

22. Collar

23. Rear hub motor

24. Integrated battery

25. Power button

26. Charge socket

27. Gear shift



5. TECHNICAL SPECIFICATIONS

5.1 NOKOFORZA



Frame	Aluminium alloy, BSA 68 (English), integrated battery, flat mount, integrated wires
Total weight	14,8 kg size M
Maximum weight capacity (Rider + luggage)	120 kg
Available sizes	S 46 - M 52 - L 58
Colors	Black - Green - Orange
Transmission	VEER Belt drive, carbon fiber tech.
Gears	Single speed
Front cog	45 T eq, made of aluminium alloy
Rear sprocket	19 T eq, made of steel
Crankset	FSA BDC 130 mm 5 H. L
Crank arm	170 mm
Brake system	Front and rear hydraulic disc brakes 160 mm
Brake lever	RAICAM
Headset	1" ½ - 1" ½
Wheel	Vision
Wheel type	Aluminium / Carbon

Tires	700x35 CST
Seatpost	Aluminium, 27.2 mm
Battery	36 V 250 Wh + 250 Wh
Type of cells	Samsung 18650-35E
Motor	Brushless DC, FSA 250 W
Torque max	42 Nm
Max speed with assistance	25 km/h
Assistance levels	5
Battery maximum autonomy	90-100 km
Battery maximum autonomy with range extender	180-200 km
Charging time	4 h
Rack	Optional
Kickstand	Optional
Lights	Front and rear rechargeable LED USB
Bolts	Stainless steel
General notes	Maximum autonomy of the battery varies according to the driver's weight, driving style, and track travelled.

5.2 NOKOTEMPO



Frame	Aluminium alloy, BSA 68 (English), integrated battery, flat mount, integrated wires
Total weight	14,8 kg size M
Maximum weight capacity (Rider + luggage)	120 kg
Available sizes	S 46 - M 52
Colors	Black - Green - Orange
Transmission	VEER Belt drive, carbon fiber tech
Gears	Single speed
Front cog	45 T eq, made of aluminium alloy
Rear sprocket	19 T eq, made of steel
Crankset	FSA BDC 130 mm 5 H. L
Crankarm	170 mm
Brake system	Front and rear hydraulic disc brakes 160 mm
Brake lever	RAICAM
Headset	1" ½ - 1" ½
Wheel	Vision
Wheel type	Aluminium / Carbon



Tires	700x35 CST
Seatpost	Aluminium, 27.2 mm
Battery	36 V 250 Wh + 250 Wh
Type of cells	Samsung 18650-35E
Motor	Brushless DC, FSA 250 W
Torque max	42 Nm
Max speed with assistance	25 km/h
Assistance levels	5
Battery maximum autonomy	90-100 km
Battery maximum autonomy with range extender	180-200 km
Charging time	4 h
Rack	Optional
Kickstand	Optional
Lights	Front and rear rechargeable LED USB
Bolts	Stainless steel
General notes	Maximum autonomy of the battery varies according to the driver's weight, driving style, and track travelled

5.3 NOKOVULCANO



Frame	Aluminium alloy, BSA 68 (English), integrated battery, flat mount, integrated wires
Total weight	14,8 kg size M
Maximum weight capacity	120 kg
Available sizes	S 46 - M 52 - L 58
Colors	Black - Green - Orange
Transmission	Chain
Gears	Sram Apex 1x11
Front chainring	42 T, made of aluminium alloy
Sprocket set	11-36 T, made of steel
Crankset	SRAM
Crank arm	172,5 mm
Headset	1" ½ - 1" ½
Brake system	Front and rear hydraulic disc brakes 160 mm
Brake lever	SRAM
Wheel	Vision
Type of wheel	Aluminium / Carbon

Tires	700x38 Vittoria
Seatpost	Aluminium 27.2 mm
Saddle	Prologo AKERO AGX
Battery	36 V 250 Wh + 250 Wh
Type of cells	Samsung 18650-35E
Motor	Brushless DC, FSA 250 W
Max torque	42 Nm
Max speed with assistance	25 km/h
Assistance levels	5
Battery maximum autonomy	90-100 km
Battery maximum autonomy with range extender	180-200 km
Charging time	4 h
Kickstand	Optional
Lights	Front and rear rechargeable LED USB
Bolts	Stainless steel
General notes	Maximum autonomy of the battery varies according to the driver's weight, driving style, and track travelled



6. ARRIVAL OF YOUR NOKO

6.1 VERIFYING THE INTEGRITY OF THE PACKAGE.

At the time of delivery check the perfect integrity of the package. If the box has alterations in its packaging or obvious tampering, you are required to immediately notify **NOKO** by e-mail at customercare@nokobike.com.

Attach to the e-mail a detailed photographic documentation of the package and/or damaged contents.

For further details, see the page "Terms and conditions" on our website www.nokobike.com.

6.2 UNPACKING.

Open the box and remove the protective packaging; unpack your e-bike and place it in a support stand (e.g. a bike rack). Unpack all the components in the box, paying attention to not lose them (pedals, seatpost, saddle, reflectors, front and rear LED lights rechargeable via USB, and battery charger).



It is advisable to keep the original box for transportation in case of possible return.

6.3 INSTALLATION AND ASSEMBLING.

The box also includes the components to be assembled and/or adjusted to your **NOKO** e-bike (handlebar, seatpost with saddle, and pedals).

Scan the QR Code to view the video guides, also available on nokobike.com, on how to properly adjust the components, otherwise follow the instructions below.



ADJUST THE HANDLEBAR.

What tools do you need? 4 mm allen hexagonal wrench.

Among all the basic operations, the adjustment of the handlebar is the one that requires the greater manual skill.



- First step, align the handlebar with the front wheel. Slightly tighten the bolt of the cover on the fork steerer with a **4 mm hexagonal allen key**, until you encounter no play in the headset or any jamming. In case the movement of the handlebar is not fluid enough, slightly loosen the bolt.
- Slightly tighten the bolts of the stem with the same 4 mm allen key; ensure that the handlebar is well aligned with the front wheel, then tighten the bolts in order that the stem is fixed on the steerer. Verify that the handlebar has a fluid movement, if necessary please visit a specialised service center.

The handlebar is already adjusted in ordinary height and perpendicularity. If modification are needed, we recommend to contact a specialised service center, otherwise act on the four front bolts.



In case of NOKOVULCANO, once you removed the e-bike from the box, gently move the handlebar first upwards away from the top tube and gently turn it forward. Proceed adjusting the handlebar following the instructions above.

INSTALL THE SEATPOST.

What tools do you need? 4 mm and 6 mm allen hexagonal wrenches.



- To install the seatpost start by loosen the bolt found on the seatpost collar using a 4 mm allen wrench, apply a small quantity of bike grease on the bottom of seatpost. It should easily slide into the frame. Make sure to slide the seatpost past the minimum insert line; align your saddle to the desired height.
- Tighten the seatpost hex bolt at the collar with an allen wrench, just enough to make little adjustments, if needed. The saddle should not be moving; fasten bolt of the seatpost collar.
- Adjust the saddle fore/aft position and inclination according to the personal needs, using a 6 mm allen wrench.

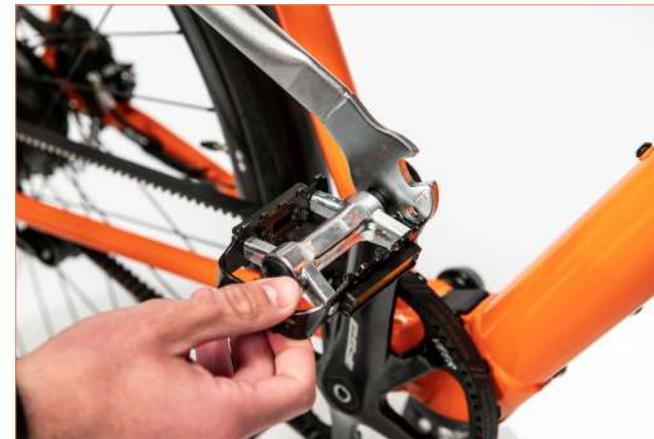
INSTALL / REMOVE PEDALS.

What tools do you need? 15 mm wrench.

Before installing, remember pedals are not interchangeable; right pedal is marked with the **letter "R"** and left pedal is marked with the **letter "L"**.

The right and the left pedal are installed and removed in opposite ways.

- To install the right pedal, first grease the thread and fit the pedal in, then start tightening with your hands. Tighten it with the 15 mm wrench, turning clockwise towards the front wheel.
- To install the left pedal, first grease the thread and fit the pedal in, then start tightening with your hands. Tighten it with the 15 mm wrench, turning counterclockwise towards the front wheel.
- To remove the right pedal, use the 15 mm wrench and turn counterclockwise towards the rear wheel; once loosen use your hands to remove it. To remove the left pedal, use the 15 mm wrench and turn clockwise towards the rear wheel; once loosen use your hands to remove it.



7. FIRST USAGE

You just received your NOKO, and you can't wait to ride it! Prior to your first ride with NOKO, pay close attention to the following instructions.

WHAT TO KNOW BEFORE THE FIRST USAGE?

Please, note that the road traffic is regulated by a specific code. Before merging into road traffic, check the rules enforce in the country where you intend to use your pedal assist bike.

We recommend to follow all the precautions in order to limit the risk of falling and suffering other injuries. Please, wear protective equipment, and appropriate clothing.

In case you have never driven a pedal assist bike, it's advisable to start on less trafficated road, in order to become familiar with the characteristics of your e-bike. If necessary, take a safe driving course.

Our **NOKO** e-bikes are designed to support a maximum weight of 120 kg (which takes into consideration the rider and luggage on the rack, if any). For further information, read **Chapter 5**, regarding the technical specifications of your **NOKO**.

WHAT TO DO BEFORE THE FIRST RIDE?

NOKO is been entirely assembled and adjusted in the factory; however, it could be necessary to modify the saddle and adjust the handlebar depending on personal need. For a perfect setup, visit a specialised service center.

Following, you will find instructions to prepare your NOKO for the first ride.

7.1 BATTERY CHARGING.

Completely charge the battery of your **NOKO** for the first time (at least 4 hours). For further information, on proper battery usage and its charging please read **Chapter 9**: battery management. We advise to follow instructions in this manual to improve the autonomy and the life duration of the battery.



For complete instructions on the battery, please consult the FSA manual downloadable in the "Support" section at www.nokobike.com.



7.2 SADDLE AND HANDLEBAR ADJUSTEMENT.

Verify that saddle and seatpost are properly set and tighten. For the complete process of installation and assembling please, check **Chapter 6**.

For information, the proper saddle position is based on the rider's height. If you are able to touch the floor with your toes, then your **saddle height** is correct. To modify the standard adjustment, we advise you to visit a specialised service center.



If necessary, you can further adjust the handlebar height by shifting the spacers of the headset; your **NOKO** includes 3 spacers, each of 10mm.



7.3 CHECK THE BRAKING SYSTEM.

Always check that front and rear brakes are working properly. Before riding your **NOKO** in urban traffic, practice braking on roads with less traffic and become familiar with the braking system.

We recommend to carefully decelerate; do not brake suddenly, in order to avoid the risk of falling.



8. BEFORE EVERY RIDE

8.1 GENERAL INSTRUCTIONS.

It's advisable to do a general check-up of your **NOKO** before each outing. We also recommend, to regularly verify the overall conditions of your bike in a specialised service center.

! If during the check up of your **NOKO**, you find out that a component doesn't work correctly, please don't use your e-bike until the issue is resolved.

Prior to each ride, it's advisable to check that the **saddle** is correctly tightened and adjusted. Assure that the handlebar stem and the **handlebar** are steady, and properly aligned towards the front wheel. For more detailed information on how to adjust the handlebar and the saddle, review **Chapter 6**. Remember: always test the status and pressure of the **tires** of your **NOKO**.

What would you need? A bike pump to test the inflation pressure.

Each tires supplier defines the suggested pressure values, which are expressed in PSI and in bar. Generally, the pressure of a urban-type tire should be maintained between 2.5 and 5 bar. The minimum and maximum pressure values can be found on the tires itself.

TO LEARN MORE! Bike tires are marked with the direction of the rotation, and the dimensions expressed in millimetres (i.e. 700x35) or inches (i.e. 29").



After testing the tires pressure, check that both **front and rear wheels** are well anchored.

Scan the QR Code for the video guidelines on nokobike.com, or read the following information.



The wheels have to be well anchored to the fork and the frame; if necessary, further tighten the wheel axle.

To tighten the front wheels axles, use a 6 mm hexagonal wrench; to tighten the rear wheel axles, use an 8 mm hexagonal wrench.

Take into consideration the following specification for **NOKO** e-bikes: the front wheel is equipped with a thru-axle of 12 mm; the rear wheel is equipped with anti-rotation threaded-axle M12, of 10 mm.



Before each ride, please check the correct tension of the **belt** or the **chain**; both need to be properly placed in location for the correct use.



Verify that all bolts, fasteners of front and rear wheels, and kickstand (if any) are steady. Check that both **pedals** are properly tightened in the crank arms; if needed remove and reinstall the pedals, following the instructions in **Chapter 6**.

Make sure that the battery of your **NOKO** is completely charged, especially when travelling long distance. Instructions on how to properly charge the battery of your **NOKO** are included in **Chapter 9**.

8.2 WHEEL REMOVAL AND INSTALLATION.

Follow the instruction or view our video guides on nokobike.com, how to remove and install independently the wheel of your **NOKO**, in case of necessity.



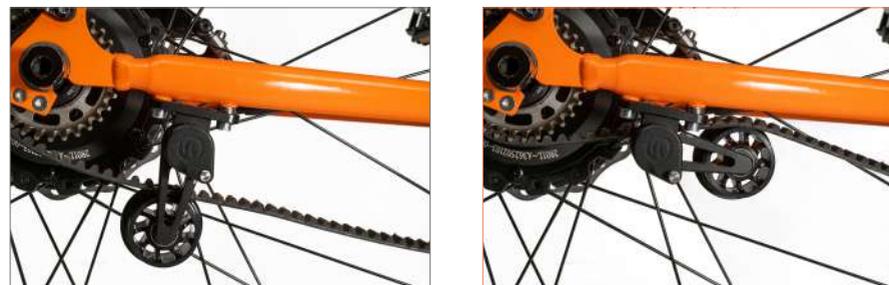
It is recommended to visit a specialized service center, to ensure the correct position of the wheel, chain or belt.

What do you need? 6 mm hexagonal wrench for the front wheel; 8 mm hexagonal wrench for the rear wheel.

For the **NOKO** e-bikes, to disassemble the front wheel, the first step is to loosen the thru-axle using the hexagonal wrench of 6 mm. Proceed by pulling out the pin manually, and remove the wheel.

To install the wheel, guide the wheel in position by sliding the pin back and manually tighten the thru-axle. Conclude by tightening with the 6 mm hexagonal wrench.

For the models **NOKOFORZA** and **NOKOTEMPO**, to disassemble the rear wheel, remember to release the tension of the belt: bring down the belt tensioner and lock it by pressing the button.



Shift the belt from the front cog and rear sprocket, to facilitate the process. Proceed by loosen the washers from both side of the hub axle, without completely removing them. At this point, guide the wheel out of the drop-outs. To install the wheel, assure that the belt is positioned over the bodice, then proceed guiding the wheel back in the dropouts. At this point, place the belt first in the front cog and then the in the rear sprocket, making sure that the belt is positioned above the belt tensioner. Proceed by tighten the washer on both side of the hub axle, manually at first, then with the 8 mm hexagonal wrench. Conclude, by removing the lock and bring the belt in tension again.

! The belt tensioner is equipped with a spring tensioner system. Pay close attention while removing the block. It is advisable to accompany the belt tensioner manually, to avoid colliding with the frame and/or getting injured.

For **NOKOVULCANO**, to disassemble the rear wheel, remember to release the tension of the chain: by using the set paddles shift gear and place the chain on the smaller sprocket. Bring down the lower cog of the derailleur and lock it by pressing the button. Proceed by loosen the washers from both side of the hub axle, without completely removing them.

At this point, guide the wheel out of the dropouts. To install the wheel, assure that the chain is placed on the smaller sprocket, then proceed guiding the wheel back in the dropouts. Assure that the disc brake is inserted between the pads. Proceed by tighten the washer on both side of the hub axle, manually at first, then with the 8 mm hexagonal wrench. Conclude, by removing the lock of the derailleur and bring the chain in tension again.

8.3 REPLACING INNER TUBE.

To replace the inner tube of your **NOKO**, please follow these instructions or scan the QR Code to view the [video guides](#).



What do you need? 6 mm hexagonal wrench for the front wheel; 8 mm hexagonal wrench for the rear wheel; a pair of bike tires levers.



It is a good habit to always carry a basic kit with you, to replace the inner tube of your **NOKO**, as needed.

First step, remove the wheel (follow the instructions contained in **Paragraph 8.2**); then, proceed deflating the tire: this way it will be easier to pull the tire away from the rim. Insert a tires lever under the deflated tire; place pressure onto the lever and pull the tire away from the rim, clip the lever to a spoke. Take the second tire lever, and slide the it long the rim of the tire. Manually, remove the wheel from the rim.

Unscrew the cap and the washer of the valve, remove the inner tube, which needs to be replaced. Now, you are ready to install the new inner tube. Start by placing the inner tube in the tire, remove the cap and the washer of the valve from the spare, to engage the valve stem into the rim. Proceed by placing the inner tube on the rim, making sure that it doesn't leave any folds.

After reinstalling the tire (instructions in **Paragraph 8.2**), inflate it, taking into account the proper pressure values, place the cap on the valve. At this point you are ready to install the wheel of your **NOKO**, paying attention to the previous information.

- ⚠ If your **NOKO** is equipped with Team 30 wheels (in aluminum), we advise you to use a 700x35/43c inner tube with a 48 mm French/Presta valve.
If your **NOKO** is equipped with Metron 40 wheels (in carbon), we advise you to use a 700x35/43c inner tube with a 60 mm French/Presta valve, or alternatively a 700x35/43c inner tube with a 48 mm French/Presta with an extension for valve.
- ⚠ If the wheel deflates because of puncture on the tire, after removing the inner tube we recommend to look for the object that caused the puncture. To identify it, turn the tire inside-out, and carefully run your fingers over the inner surface. Once you found the object, remove it and check the extent of the damage. If the damage results in a small hole, you can still use the tire; if the damage creates a bigger hole, we suggest to replace the tire.



9. BATTERY USAGE

9.1 POWER ON / OFF.

To turn ON the system of your **NOKO** press the power on button for 1 second; when switched on, the system automatically selects the **ECO level**, indicated by the green light. To turn OFF the system, press and hold the button for 4 seconds: the white light indicates the turning OFF.



NOKO e-bikes are equipped with an integrated battery. If it's necessary to remove the battery of your NOKO, please contact an FSA service center. Go to the link www.fullspeedahead.com to find your nearest FSA center.

9.2 CHARGE THE BATTERY.

To charge the battery of your **NOKO**, plug the charger cord into the electrical outlet and then plug the charger into the charging port on the e-bike.



The battery charger will automatically switch on, the power ON button will start flashing every 2 seconds, displaying that the battery is charging. The light changes color depending on the battery level. The green light indicates a full charge.

For more detailed instructions about how to properly use the battery of your **NOKO**, we advise you to consult the **FSA manual** downloadable from the page "Support" of our website www.nokobike.com.

9.3 VERIFY THE BATTERY CHARGE LEVEL.

You can check the battery level of your **NOKO** while riding, based on light of the power button.

When the system is ON, two different kind of lights alternate: the flashing light, displayed every 2 seconds, indicates the charge state; the solid light refers to the selected assistance level.

The battery charge levels are indicated by four different colors, see Table 1.

75~100%	50~75%	25~50%	25% ↓
Green Flash	Blue Flash	Yellow Flash	Red Flash

Table 1¹



If you don't plan to use your e-bike for long period (more than 3 months), store the battery with a charge level between 30% and 60%. After 6 months, check the charge level and charge it if necessary, between 30% and 60% once again. A battery left discharged for a long period of time can be damaged and/or significantly reduce its charging capacity.

9.4 RANGE EXTENDER.

If your **NOKO** e-bike is equipped with a Range extender, the same charger can be utilize to charge the extra battery.

The system of your **NOKO** will always use the main battery when turning ON, even when the range extender is installed. While riding, your e-bike, the range extender charge will be depleted first, and then utilized the charge on the main battery.

NOTE.

¹FSA System, User Manual.

10. PEDAL ASSISTANCE

10.1 ASSISTANCE LEVEL.

All **NOKO** e-bikes have 5 assistance levels, including the "BOOST" function, available by pressing the power ON button. When switched on, the system automatically selects the ECO level (green).

To select the desired assistance level, just press the power ON button; each level will be indicated with a different color. If you want to ride without motor assistance, just select level 1 (green).

Level 1	Level 2	Level 3	Level 4	Level 5
ECO: Green Light	Blue Light	Pink Light	Yellow Light	BOOST: Red Light
Neutral	Active	Active	Active	Active

Table 2¹



When turning ON the system, do not place your feet on the pedals and do not use your e-bike. In order to allow the torque and speed sensor to calibrate themselves, it must remain stationary (0 km/h). As soon as the light turns green, you can ride on your NOKO.

The FSA System HM 1.0 is equipped with an integrated torque sensor that self-calibrates each time the system is switched ON. To allow the torque sensor to calibrate correctly, it is essential to avoid any load on the pedals, while switching the system ON.



We do not recommend turning the system OFF and ON while riding the e-bike.

10.2 RANGE.

The range that your **NOKO** can travel in autonomy is about 90-100 km. With the use of a range extender, the battery duration can duplicate its range to travel up to 180-200 km.

Remember: the autonomy of a pedal assist e-bike varies based on several factors; therefore, make sure that the battery of your **NOKO** is always charged before your next ride.

NOTE.

¹FSA System, User Manual.

1 1 MAINTENANCE AND INSPECTION

11.1 GENERAL MAINTENANCE WARNINGS.

The maintenance of your **NOKO** is fundamental to improve the performance of your bike and extend the battery life. We advise you to contact a specialised service center for the periodic ordinary and extraordinary maintenance of your **NOKO**, usually once a year, even if working properly.

It is advisable to visit a specialised service center for an overall check-up of your **NOKO** within 30 days of arrival, in order to assure that each component works properly.

As all the components of a bike, **NOKO** is also subject to wear. It is recommended to periodically check the overall state health of your **NOKO**, such as wheels, spokes, tires, inner tubes, chain or belt, sprockets set, brakes, and all the other components.

Cracks, scratches or color changes in areas subject to high stress, indicate that some components of the bike need to be replaced. Failure to replace damaged components increases the risk of falling and suffering other types of injuries.

If you are not sure about how to make any substitutions, we advise you contact a specialised service center. It is recommended to replace the components with original products. The use of different products does not ensure the same performance.

If you do not use your **NOKO** for an extended period, we recommend that you keep it away from rain, snow, sun and other adverse conditions. After a ride in the rain, with the help of a cloth dry your **NOKO** and its components in order to prevent the corrosion of the materials.

Some of the components, such as belt, chain, rear derailleur and inner cables, could undergo a bedding-in process after the first hours/kilometres of usage; for this reason, a further adjustment could be necessary.

The battery of you **NOKO** may show signs of wear due to use over time and/or due to incorrect use. The battery life may be reduced and replacement may be required.

11.2 CARE OF YOUR NOKO.

CLEANING YOUR NOKO.

It is recommended to always remove any fouling, grease, mud, etc., which can damage your **NOKO**.



Do not use a pressure washer for quick cleaning because the strong jet of water could ruin and irreversibly damage some components of the bike, including adhesives.

Prefer an hand cleaning with a light jet of water and the help of a sponge to remove dirt from the affected parts. Use specific non-aggressive products so as not to damage the frame and other components of the bike.

CHAIN MAINTENANCE.

A bike chain is subject to wear. The correct maintenance of the chain implies the proper functioning of your **NOKO**.

We advise you to regularly check the state of the chain, and replace it when necessary. For regular maintenance and replacement, visit a specialised service center. As an indicative range, we suggest to replace the chain once reached 5000 km, approximately; furthermore, factors such as maintenance and usage, contributes to the chain wear.

It is advisable to clean the chain with a specific degreasing agent, in order to remove any dirt; and to dry the chain with a cloth.

After each wash, it is recommended to lubricate the chain links, previously cleaned, with a specific bike lubricant, in order to preserve the correct functioning of chain and gear.



Pay attention that the lubricant does not leak and contaminate the disc brake and/or on the brake pads, to avoid impairing the functionality of the brakes.

After riding your **NOKO** in the rain, remember to clean and dry the chain with a cloth.

BELT MAINTENANCE.

Regarding **NOKO** e-bikes with belt drive, for a correct maintenance of the belt we recommend regularly wash it with water, in order to remove any dirt. It is not required to use any specific products.

BRAKING SYSTEM MAINTENANCE.

For ordinary and extraordinary maintenance of the braking system, we advise you to regularly visit a specialized service center, even if working properly.

For your personal safety, and for the health of the braking system, we recommend to periodically check the state of the brake pads, and to replace them before uneven wear.

Regularly, and after each wash, remember to visually verify the state of the brake pads. It should not manifest any contamination, vitrification, and has to maintain a certain thickness, in order to assure that the brake pads do not come into contact with the disc brake.



Lack of maintenance and replacement of the worn pads, can damage the disc brake and reduce the brakes reactivity.

In proper conditions, the brake levers are rigid and responsive. In case of worn pads, the brake levers will feel spongy.

If the lever travel increases, and/or in case of high pitched-noise when the pads make contact with the disc brake, it means that the breaking pads do not have an adequate friction on the disc, because it could be worn or contaminated by oil-base fluids.

WHEELS MAINTENANCE.

We advise you to regularly check the state of your **NOKO** tires. It is necessary to replace the tires when worn, consumed and/or in case of cracks on the surface.

Remember to check the adequate tires pressure before every ride (for further information consult the **Paragraph 8.1**).

In case of collision, or in case of excessive stress and/or extended usage, the spokes could lose their tension; the homogeneous tension of the spokes guarantees the proper centering of the rim.



It's recommended to have an expert view your bike, for proper maintenance and wheel check-up. We advise you to visit a specializes service center for a periodic overall check-up.

12. WARRANTY

All products purchased on www.nokobike.com are covered by the legal warranty on original defects of product production. Therefore, the buyer-consumer has two years from the delivery of the good to contact the customer service at customercare@nokobike.com requesting in writing the repair of the product or, if the said good is not repairable, to ask for its replacement, falling, in any case, on the Customer the burden of proving in detail the defect and/or defect found.

If the Customer has made the purchase as a contractor and/or professional, the legal warranty will last only one year.

We invite you to periodically check the Warranty section and its changes on our webpage www.nokobike.com.

NOKO - once the goods have been received by the Customer, who at this stage will anticipate all the necessary expenses for the delivery of the goods to **NOKO** - will have a reasonable period of time to carry out the repair, which can be quantified on average in 60 days, after which the Customer, once the defect and/or fault has been ascertained by **NOKO** will be entitled to replacement of the property. If the repair for **NOKO** is uneconomical and the replacement is impossible - e. g. because the goods are no longer in production or because spare parts are no longer available - the Customer shall be entitled to a reduction of the price to be applied in proportion to the residual value of the goods or, if the goods are unusable, shall be entitled to termination of the contract.

From the discovery of the fault and/or defect, the Customer-Consumer will have 60 days to make a formal report to **NOKO**. If the Customer originally made the purchase as a businessman and/or professional, he will have 8 days to report it.

For all electric and non-electric FSA components assembled in **NOKO** e-bikes, such as the motor, battery, wheels etc., the assistance service will be provided directly by FSA with its global service network.

To contact any FSA distribution center, visit the www.fullspeedahead.com website.

TERMS OF WARRANTY.

All products purchased on www.nokobike.com are covered by the legal warranty on original defects of product production.

The policy we offer by law is the legal guarantee, valid for two years or for the legal duration provided in the different countries.

NOKO guarantees the products it manufactures and/or distributes, in the first two years from purchase, for any lack of conformity. This warranty is applicable only to the original purchaser of the product, who will be entitled, in case of lack of conformity, to free repair and/or replacement of the defective product.

NOKO's legal guarantee is compatible with the legal and commercial guarantees offered by manufacturers and distributors of the components of other trademarks that we mount on our bicycles. In case of lack of conformity of these components, it will be necessary to contact these manufacturers or distributors directly for the individual guarantees of the aforementioned components.

In order to exercise this warranty, the user must provide **NOKO** with a copy of the bicycle purchase document (purchase invoice).

The user must keep the purchased product in good condition, in accordance with the instructions and recommendations included in the instruc-

tion manual of the bicycle, with the right of **NOKO** to refuse warranty claims directly resulting from a defect in the maintenance of the product by the user.

The warranty is not applicable in any case to breakages or defects resulting from the negligent use of the bicycle, from the assembly of other non-original accessories other than those supplied or assembled at the factory, from improper handling or maintenance by the user or third parties on his behalf.

This warranty does not cover in any case the habitual wear and tear of the perishable elements of the product.

Due to the danger inherent in the use of a bicycle, both on the road and to the mountain, and the physical risks deriving from its use, this warranty refers only to the replacement of non-compliant elements and does not cover in any case personal damage that may arise, directly or indirectly, from the failure during use. In the event of an accident, regardless of who causes it, **NOKO's** warranty is fully void.

For any need for assistance, customers can contact **NOKO** by email at customercare@nokobike.com.

RIGHT TO WITHDRAW.

The Customer who, within 14 days of receipt of the product, is not satisfied with the purchase made must exercise the right of withdrawal by accessing the "RETURNS" section of the Website and completing the specific form. Once this is done, you will be contacted as soon as possible by the Return Centre to agree on what to do.

We invite you to periodically check the Returns section and its changes on our website www.nokobike.com.

13. TERMS AND CONDITIONS

NOKO – GENERAL CONDITIONS OF SALE.

SELLER AND OPERATOR.

NOKO bicycles and accessories are sold by TRA.FI.ME. SPA (hereinafter **NOKO**), headquartered in Contrada Pezzamandra snc, 95045 Misterbianco (CT). **NOKO**, through its website www.nokobike.com, directly manages online sales.

ACCEPTANCE OF TERMS AND CONDITIONS OF SALE.

These General Terms and Conditions of Sale (Conditions), which may be subject to change, apply to sales made on the Website www.nokobike.com. Your use of our Website constitutes your acceptance and a definite obligation to these Terms and Conditions.

NOKO reserves the right to change these Terms at any time without notice. We encourage you to periodically review the updated Terms and Conditions and changes on the website in the "Terms and Conditions".

YOUR RIGHTS.

NOKO is based in Italy and complies with the Italian law and consumer protection regulations, including with reference to e-commerce legislation. This means that shopping with **NOKO** is safe. Italian law and regulations are applicable to this contract regardless of the buyer's location.

DELIVERY.

In the event of tampering with the parcel, the Customer who should accept the delivered goods without complaining to the courier of any tampering with the wrapping and/or the contents, shall assume all risks and conse-

quences, automatically exonerating both **NOKO** and any third parties in charge of processing the order. Therefore, at the time of delivery the Customer is obliged to verify the complete integrity of the parcel.

Should the package show any alterations in its packaging or obvious tampering, the Customer is requested to reject the package from the sender without accepting collection or to open it in front of the delivery staff and, if necessary, immediately submit a complaint with the corresponding written complaint to **NOKO**. In all such cases, the Customer will also be asked to inform **NOKO** immediately by e-mail to Customer Service customercare@nokobike.com. Should the Customer decide to collect the parcel despite the changes, **NOKO** shall not be held liable for any deficiencies in the content of the delivery.





NOKO

TRAFIME SPA

Corporate headquarters in C.da Pezzamandra SNC
95045 – Misterbianco (CT)

customercare@nokobike.com

NOKO.POWER.BIKE

FACEBOOK INSTAGRAM TWITTER VIMEO YOUTUBE