

User manual for Nihola FLEX 2.0 – Version 91/C

IMPORTANT. This user manual must be read before using your new Nihola FLEX 2.0



Congratulations with your new Nihola FLEX 2.0. We hope that you will have many good experiences with your new Nihola FLEX 2.0. We ask you to read this manual carefully to the end, before using your new Nihola FLEX 2.0.

On Youtube you will find a video about Nihola FLEX 2.0. We also recommend you watch this video, which shows how to use Nihola FLEX 2.0 very well: **Youtube** search on "**NIHOLA FLEX 2.0**"

If you are insecure about anything before use, please contact Nihola Bikes (nihola@nihola.dk) or your Nihola dealer before using the Nihola FLEX 2.0.

Before you use the bike in public traffic, you must practice and become familiar with the bike in a place where there is no traffic, where the road is even and without falls or rises. If you want to use the bike for transport of people or cargo transport, you must also practice this weight before using the bike in public traffic. Become familiar with brakes, gears, perhaps the electrical system and how the bike reacts before you use the bike on a public road, both with and without weight. Always practice to make a complete and safe stop with load before using the Nihola bike in public traffic.

If there are other users of the Nihola FLEX 2.0, this manual must also be read by these users - before using the Nihola FLEX 2.0. It is the owner of Nihola FLEX 2.0 who is responsible for this.

When you receive your new Nihola FLEX 2.0, we recommend that you save your purchase receipt somewhere where you easily can find it again, also after a lot of years. You must use this receipt with the purchase price and frame number at any possibly resale or if your Nihola FLEX 2.0 has been stolen.

If your frame number doesn't appear on the purchase invoice, you must contact your dealer so it is noted and archived correctly.

You find the frame number on the top of the frame saddle tube (on the top of the frame where the seatpost is mounted in the frame).

If your Nihola FLEX 2.0 is equipped with an electric motor, the manual for the electric system is supplied separately in paper form. This manual must also be read before using the electrical system. You can always get this manual by contacting nihola@nihola.dk.

Every time and before you use the Nihola FLEX 2.0 you need to make sure:

- The brakes are fully functional and adjusted properly
- That tire pressure is correct (5 bar is recommended pressure for Schwalbe Marathon plus tire)
- The braces and buckles for passenger transport are functional and adjusted correctly
- There is no noise or blur from the gears, wheels or steering system

Use of the bike and the good advices:

Keys. Keep your spare keys a place where you easily can find them. If you lose a set, get an extra set right away at your local locksmith. It can be complicated and very expensive to get new keys if both sets are lost.

Parking brake. Always used when parking the bike. Activation: Pull in the brake lever and push the small lever on the brake - hold the small grip in and then release the brake lever.

Approved lock. When the approved lock (mounted on the rear frame) is used, pay attention to the spokes in the rear wheel, because they can be bent if the bicycle is moved when it is locked. If only two spokes are damaged and the bicycle is used subsequently, all the spokes in the wheel sometimes must be replaced, as they will all be weakened in the strength subsequently. If only the two spokes are replaced in the wheel subsequently, more spokes usually will leap in the wheel.

Brakes. Any possible brake linings on the V-rear brake blocks must be visible. If your brakes are not functional, do not use the bike before the brakes are serviced by your dealer or mechanic.

The rain hood can be washed with lukewarm sulfo water and with a soft brush. The hood must not be washed in a washing machine. Depending on the hours of sunshine, the hood will fade over time. Bend and do not fold the windows. During frost weather, the window must be treated with extra care due to the hardness of the plastic and that it may crack during folds and strokes. You can protect and prolong the life of the rain hood by impregnating it with fabric impregnation spray. The rain hood and the canopies can be removed without the use of tools. The hood is mounted as shown in the pictures.

Front support leg. Must be used and activated when the ramp in the front is open and put down. The support leg must be locked in top position while driving. The support leg is released by lifting the handle and turning it clockwise.

Gearshift. Do not pedal when shifting gears. In the case of external gear / electric motor, step in the pedals when changing gear.

Safety – Wheelchair. The wheelchair and the user must always be fastened with the provided hip seat belt while driving. The harness must be adjusted properly and clamped around the waist of the wheelchair user. The wheelchair must also be locked with the wheelchair's own parking brake while driving.

Security - Driver's View. If the hood is too high for the driver of the bike to have a clear view of the traffic, the hood must be removed before using the bicycle.

Winter driving / Frost. During the winter, wash your bike and lubricate the chain frequently. The wet weather and the salt are hard on your bike. If you do not wash the salt off, your bike will be damaged. Use warm water and a brush to wash and remove the salt. The window of the rain hood is sensitive, and may crack during severe frost, so be careful with the bumps and folds on the pane. Cables can freeze, so leave the bike in a low gear if there is severe frost and your bike is not stored frost-free. It is a good idea to have a service done just before the winter period when your cables are lubricated and inspected. The front brakes must be lubricated with oil. This is done by spraying / lubricating a little oil on the two brake lever shafts on both drum brakes. This prevents water, salt and condensation from penetrating into the brake connection and getting stuck. See the picture.



The most important thing about the electrical system. Generally, all electric bikes is most benefited by standing indoor. However, many users do not have the opportunity to do so. Use any garage for bikes for longer parking and at night, but if you do not have the opportunity to park your Nihola electric bike under a roof, in a garage or something like that, always take the battery with you inside whenever possible. All batteries lose capacity over time and must be replaced. The low temperatures we experience in the winter months will reduce the battery's reach. The battery must be charged at least every 3 months.

Service. Please do remember the first 3 months of service and receive a receipt from your dealer. Afterwards, we recommend an annual service for normal use of the bike. It is a good idea to have a service done just before the winter period, where your cables are also lubricated and inspected

Adjustment of the gears and brakes. The front brakes can be adjusted by turning the cable screw that guides the brake cable through the frame (the front brakes are **NOT** adjusted at the front brakes on the wheels). The rear brake - and the gear cable can be adjusted by the shift lever on the handlebar. On youtube you can watch a video showing how the internal Nexus gear is adjusted very easily. It is exactly the same way the cable length of the external gear used on our electric bikes is adjusted - so that the chain is aligned with the rear wheels sprockets. **Youtube** search on "**Shimano Nexus 7 and 8 gear adjustment**".

The maximum recommended weight for the Nihola FLEX2 is 280 kg incl. driver. Overloading the Nihola Bike can cause damage to the frame or wheels. Check the frame for cracks in the welds often, and also check your spokes frequently. The sooner a possibly damage is detected the easier it is to repair.

We hope you will enjoy your Nihola bike and it will give you many good experiences.

Drive safe

Kind regards

TEAM NIHOLA