

## Instructions for assembling the Leader Fox – Cargo Family One

Welcome to the Leader Fox family. You are just a few moments away from enjoying the sensation of riding your new bike. Assembling a bicycle may feel like a daunting task, but do not fret. Our colleagues have made sure that you need to do as little work as possible, but please always proceed with care and consideration.

### Checking the contents

After opening the box, check the content. The package contains the disassembled frame kit with all pre-assembled components, the cargo box, sail construction parts, and the necessary fasteners.

Picture 1 - Unfolded frame set



Picture 2- Storage of parts in the cargo box



Picture 3 – Package insert



## Frame assembly

First, prepare the necessary tools for a successful installation. You will need:

- -Inbus wrench no.4 and no.5
- -Flat wrench no.10, no.13 and no.17
- -Ratchet wrench with socket no.17 -you can replace it with a second flat wrench no.17
- -Narrow pliers
- -Knife or cutting pliers

Picture 4 – usefull tools



For easier mounting, we recommend placing the bike in the mounting stand. If deemed necessary, ask another person to help you assemble it. The main frame consists of two parts, which are separated at the point below the head tube. The two parts are connected by the front hydraulic brake hose and the front light wiring. Take care not to damage the brake hose and light wiring when assembling.

# LEADER FOX

Remove the handlebars from the cargo box and carefully hang them on the left side of the bike frame. Be careful not to damage the hoses or cables leading to the handlebars.

Picture 5 - Hanging handlebars



Gradually loosen all the screws securing the cargo box to the frame. Store the screws carefully, remove the cargo box from the frame and set it aside.

Picture 6 - Cargo box screw connections



Picture 7 - Removed cargo box



Place the two main parts of the frame in the mounting position shown in the picture below.

Picture 8 - Mounting position



Remove the mounting strap securing the steering rods to the frame tube

*Picture 9 - Tie rod securing tape*



Now focus on the main junction of the front and rear of the frame. Make sure the tube and cable bundle coming from the head tube is located under the steel part of the front frame flange.

*Picture 10 - Correct routing of cables and hoses*



*Picture 11 - Bolted joints securing the frame connection*



# LEADER FOX

The main connection between the front and rear of the frame is provided by three bolted joints. All three bolts are to be inserted into the provided holes, one by one. A flat washer must be placed under the head of each bolt.

*Picture 12 - Screw connections securing the frame connection*



Slide a flat washer onto each bolt first and then screw on the nut.

*Picture 13 - Tightening of bolted connections*



Tighten all bolt connections carefully with a minimum tightening torque of 25Nm.

*Picture 14 - steering rod bolt connection*



## Installation of steering rods

There are two steering rods and they ensure the rotation of the front wheel depending on the rotation of the handlebars. The tie rods are connected to the steering in the area below the head tube. Thread the screws of both steering rods through the holes in the structure under the head tube.

*Picture 15 - steering rod bolt connection*



Fit the nut onto the steering rod bolts and tighten.

*Picture16 - Tightening the screw connection*



## Handlebar mounting

When packed, the handlebars are ready for mounting to the system. The handlebars connect to the rest of the frame with hoses and cables such as cables to the derailleur shifter or hydraulic brake hoses.

Loosen the tightening strap that secures the handlebars to the head tube and clamp the handlebars to the left side of the bike frame. Be careful not to damage the hoses or cables leading to the handlebars.

Make sure the stem and fork are facing forward in the direction of travel. Ensure, that the cables and hoses are not twisted or tangled. Using an Allen wrench, loosen all the front panel bolts and remove the front panel.

*Picture 17 - Loosening the stem bolts*



Place the handlebars in the stem socket and center. Double check that the cables and tubes are not twisted or bent and that they lead to the frame and fork in the widest possible arc. Replace the stem faceplate. Tighten the faceplate clamping screws evenly in a cross until the handlebars are lightly held in place. Place the handlebars in the correct position so that the brake levers point slightly downwards.

*Picture 18 - Tightening the stem bolts*



## Mounting the front brake lever

First, grab the front brake lever and pull the tube out of the bundle to mount the lever to the handlebars.

*Picture 19 - Pulling the front brake cable*



Remove the front part of the front brake lever caliper. Place the lever on the left side of the handlebars and install the front part of the caliper. Lightly tighten the screws and then check the correct position of the lever, which should point slightly downwards. Now tighten the lever yoke bolts securely.

*Picture 20 - Mounting the front brake leverbrzdy*



## Connecting the front light

Attach the connector to the light. Pay attention to the correct polarity of the wires. Black and white wire has "+" polarity, black wire has "-" polarity.

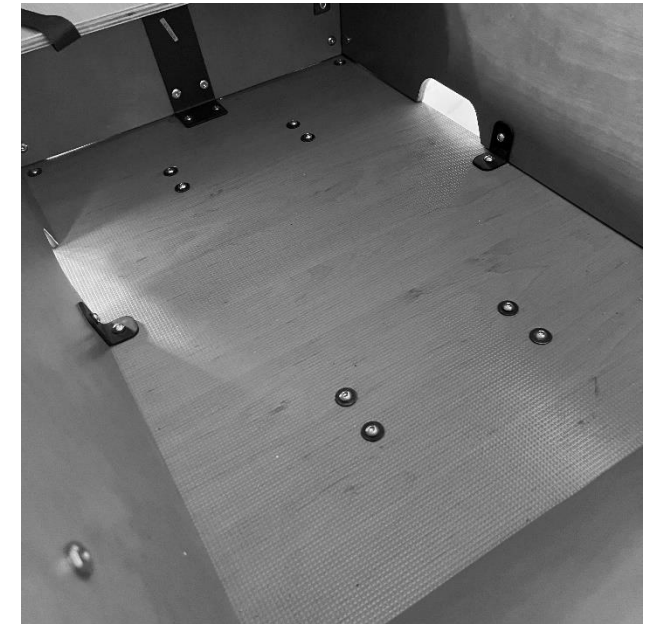
*Picture 21 - Front light connected*



## Installation of the Cargo box

The cargo box is attached to the front of the frame with several screw connections. Place the cargo box on the frame and first secure all the screw connections in the bottom..

*Picture 22 - screw connections of the cargo box*



Picture 23 - Cargo box screw connections - bottom side

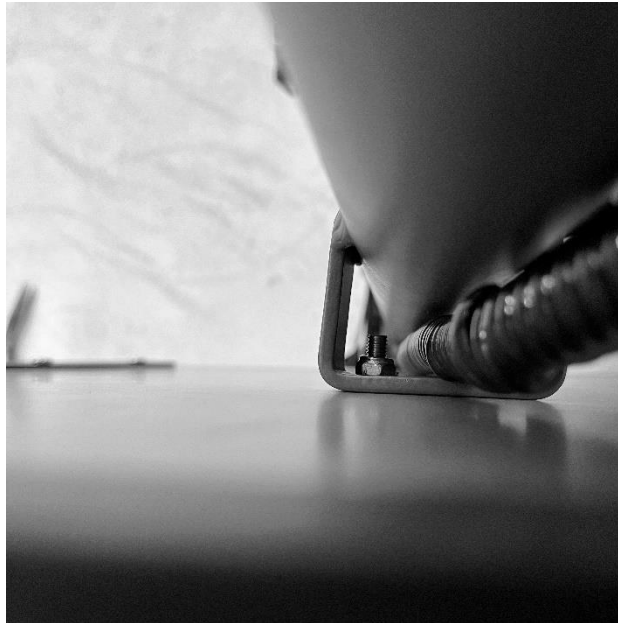


Then mount the cargo box to the head tube structure.

Picture 24 - Cargo box screw connections - attachment to head tube



Picture 25 - Cargo box screw connections - attachment to head tube



Each screw connection that attaches the cargo box to the bike frame is always equipped with a screw and a nut with a flat washer.

## Installation of the sail structure

To assemble the rain tarp, use a simple structure consisting of two vertical tubes and one horizontal tube. First assemble the two vertical tubes. Insert both ends of the tube into the designated holes on the sides of the cargo box and secure with a screw.

Picture 26 - Vertical tube of sail structure

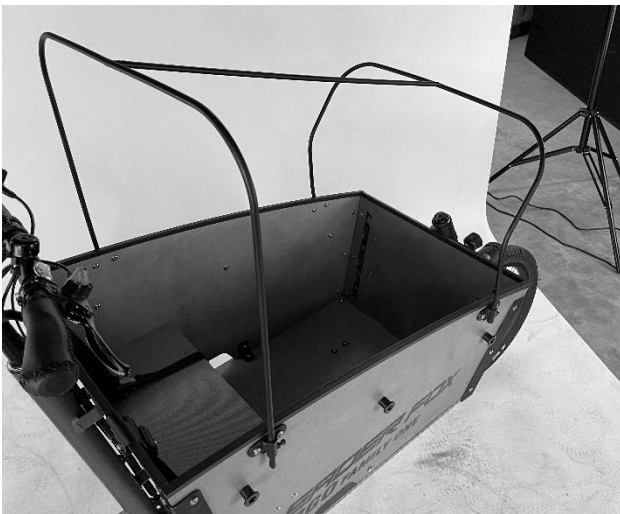


Picture 27 - Securing the sail structure



Then place the horizontal straight tube between the vertical parts of the structure.

Picture 28 - Assembled sail structure



In the last step, pull the tarp over the assembled structure and secure the tarp with rubber eyes.

Picture 29 - Securing the sail



## Inspection and adjustment

In the last step, perform the necessary inspection of the whole wheel. Remember that the Cargo is a mechanical affair with many disassembled joints and moving parts. In case of loosening of some joints, injury may occur. Before each ride, check that all joints are secured and tightened, and each component is functional. Make sure bolt connections on the frame, stem, seat tube, cranks, pedals, and rear structure are tight. Also, the suspension fork must be correctly adjusted. Check that the front and rear wheels are firmly attached and that the brakes are working properly. Be sure to check that the derailleur and derailleur gears and other mechanical or electronic parts of the bike are working properly.

See, it was a piece of cake. Your bike is now ready to go. We at Leader Fox hope every ride brings you new adventures, freedom, and the joy of movement.

For the Leader Fox team

Libor