YOONIT

USER MANUAL YOONIT MINI

Valid for all models as of 2026



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Subject to misprints, errors and technical changes

HELLO



We are happy that you have chosen a YOONIT mini cargo bike!

The YOONIT is an ultra-compact and light cargo bike. It adapts to your needs with different transport solutions – for children, shopping, beverage crates, cardboard boxes, commercial use and much more.

The YOONIT is fast, agile and with a length of 177,5 cm it is shorter than a normal bike. It fits in elevators, can be taken on the train and can be easily stowed in the bicycle cellar.

YOONIT — mini bike, max options.

CONTENTS

These instructions will help you to find out everything you need to know about your YOONIT – from commissioning to maintenance.

To ensure that you enjoy driving and that you are safe on your YOONIT, read the instructions completely before your first ride.

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COMPONENT DESCRIPTION
MINI CLASSIC

1 Wheels

Front rim
Alienation Black Sheep (27 x 305, 36L)
Rear rim
Alienation Black Sheep (27 x 355, 36L)
Front tire
Salt Tracer Cargo 55-305
Rear tire
Salt Tracer Cargo 55-355
Front tube
AV16 47-64 / 305 mm
Rear tube
AV16 47-64 / 355 mm
Front hub
Shimano Hub dynamo DH-3D37
Front fender
SKS
Rear Fender
SKS with integrated light

2 Drive

Crank
Miranda Delta, 170 mm
Pedals
Platform pedals
Gear shift
Shimano Alfine 8-Gear
Belt (optional)
Gates Carbon Drive

3 Braking system

Front brakes
Magura CT hydraulic disc brake (2 pistons)
Rear brakes
Magura CT hydraulic disc brake (2 pistons)
Front disc brake rotor
Magura Storm CL ø180 mm
Rear disc brake rotor
Magura Storm CL ø180 mm

4 Seating

Saddle
Selle Royal Lookin 3D
Seat post
ergotec VIPER ø30.9 mm, L 400 mm
Seat clamp
Shimano PRO ø34.9 mm

5 Cockpit

Handlebar
ergotec Ladytown
Stem
ergotec SHARK 110 mm
Grips
ergotec 130/130 mm



6 Frame

Frame
CrMo steel
Fork
16”, CrMo steel
Kickstand
Ursus Jumbo 80
Steering
Tie rod steering
with steering damper
Frame lock
ABUS ProShield 5950

7 Lighting system

Front light
Busch & Müller Lumotec DOPP
Taillight
Busch & Müller XelTec
Rear reflector
Busch & Müller Mini-Z

COMPONENT DESCRIPTION
MINI ELECTRIC EP5

1 Wheels

Front rim
Alienation Black Sheep (27 x 305, 36L)
Rear rim
Alienation Black Sheep (27 x 355, 36L)
Front tire
Salt Tracer Cargo 55-305
Rear tire
Salt Tracer Cargo 55-355
Front tube
AV16 47-64 / 305 mm
Rear tube
AV16 47-64 / 355 mm
Front hub
Shimano Deore
Front fender
SKS
Rear Fender
SKS with integrated light

2 Drive

Drive Unit
Shimano EP6 (85Nm)
Battery pack
BT-BT-EN605 (504 Wh)
Crank
Shimano STEPS, 170 mm
Pedals
Platform pedals
Gear shift
Shimano NEXUS 5 mech.
Belt (optional)
Gates Carbon Drive

3 Braking system

Front brakes
Magura CT hydraulic disc brake (2 pistons)
Rear brakes
Magura CT hydraulic disc brake (4 pistons)
Front disc brake rotor
Magura Storm CL ø180 mm
Rear disc brake rotor
Magura Storm CL ø180 mm

4 Seating

Saddle
Selle Royal Lookin 3D
Seat post
ergotec VIPER ø30.9 mm, L 400 mm
Seat clamp
Shimano PRO ø34.9 mm

5 Cockpit

Handlebar
ergotec Ladytown
Stem
ergotec SHARK 110 mm
Grips
ergotec 130/90 mm



6 Frame

Frame
CrMo steel
Fork
16”, CrMo steel
Kickstand
ergotec DOUBLE FLEX 3
Steering
Tie rod steering
with steering damper
Frame lock
ABUS Granit 6950

7 Lighting system

Front light
Busch & Müller Lumotec Briq, 60 Lux
Taillight
Busch & Müller XelTec
Rear reflector
Busch & Müller Mini-Z

COMPONENT DESCRIPTION
MINI ELECTRIC EP6

1 Wheels

Front rim
Alienation Black Sheep (27 x 305, 36L)
Rear rim
Alienation Black Sheep (27 x 355, 36L)
Front tire
Salt Tracer Cargo 55-305
Rear tire
Salt Tracer Cargo 55-355
Front tube
AV16 47-64 / 305 mm
Rear tube
AV16 47-64 / 355 mm
Front hub
Shimano Deore
Front fender
SKS
Rear Fender
SKS with integrated light

2 Drive

Drive Unit
Shimano EP6 (85Nm)
Battery pack
BT-BT-EN605 (504 Wh)
Crank
Shimano STEPS, 170 mm
Pedals
Platform pedals
Gear shift
Shimano NEXUS 5 Di2
Belt (optional)
Gates Carbon Drive

3 Braking system

Front brakes
Magura CT hydraulic disc brake (2 pistons)
Rear brakes
Magura CT hydraulic disc brake (4 pistons)
Front disc brake rotor
Magura Storm CL ø180 mm
Rear disc brake rotor
Magura Storm CL ø180 mm

4 Seating

Saddle
Selle Royal Lookin 3D
Seat post
ergotec VIPER ø30.9 mm, L 400 mm
Seat clamp
Shimano PRO ø34.9 mm

5 Cockpit

Handlebar
ergotec Ladytown
Stem
ergotec SHARK 110 mm
Grips
ergotec 130/130 mm



6 Frame

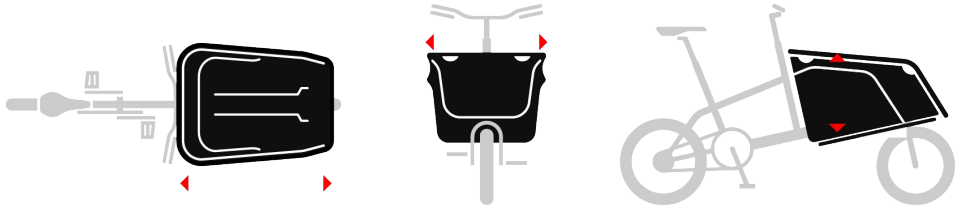
Frame
CrMo steel
Fork
16”, CrMo steel
Kickstand
ergotec DOUBLE FLEX 3
Steering
Tie-rod steering with adjustable steering damper
Frame lock
ABUS Granit 6950

7 Lighting system

Front light
Busch & Müller Lumotec Briq, 60 Lux
Taillight
Busch & Müller XelTec
Rear reflector
Busch & Müller Mini-Z

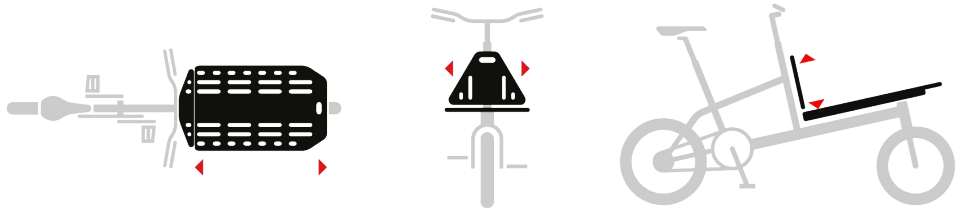
DIMENSIONS OF ALL LOAD CARRIERS

Family Up (NEW)



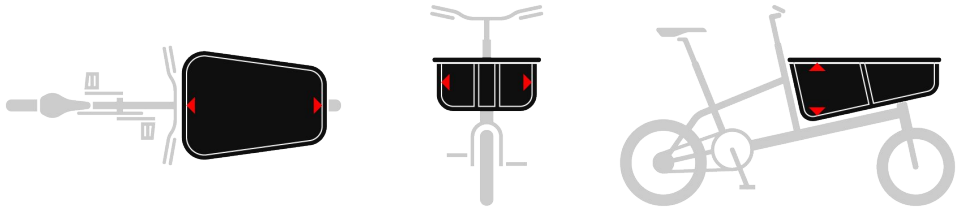
79 cm | 49-52 cm | 38-53 cm

Job Carrier



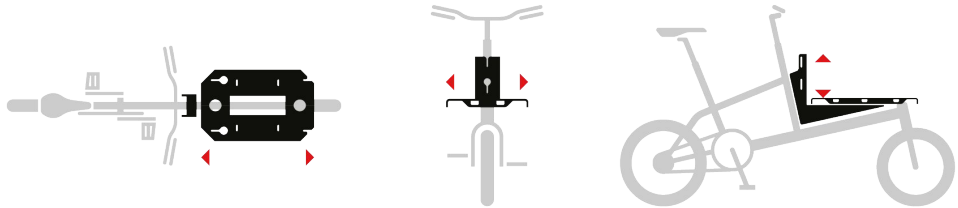
75 cm | 46 cm | 32 cm

Daily Basket



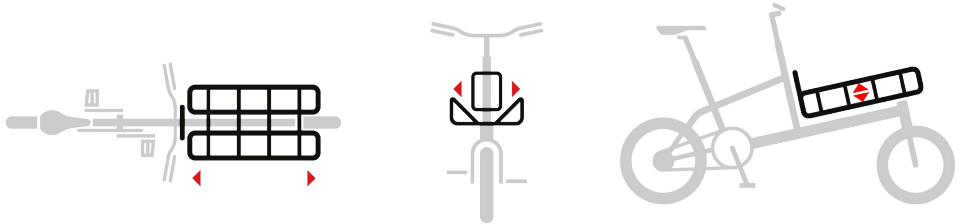
78 cm | 38-52 cm | 16-28 cm

Base Carrier



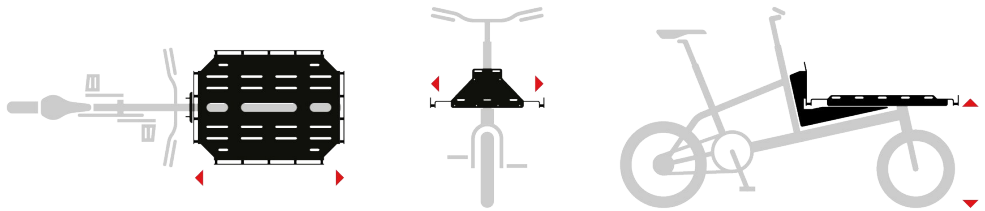
57,5 cm | 35 cm | 22,5 cm

Smart Carrier



65 cm | 35 cm | 12 cm

Euro Carrier



80 cm | 60 cm | 58 cm

GENERAL INFORMATION

In addition to explanatory texts, these instructions will also accompany you with symbols that indicate helpful tips, special features or dangers. This can concern the assembly of your YOONIT or the professional handling of it.

You will encounter the following signs:



Tips and hints

This symbol draws your attention to important information and tips that offer additional help or explain the context.



Attention

This symbol warns you of wrongdoing that could endanger your YOONIT and the environment.



Danger

Attention! Here we point out risks that could be dangerous for your health and that of those around you. Please strictly adhere to our precautionary measures, otherwise serious or fatal injuries to the driver or occupants may result.



Control check

We have created lists with which you can process operations.



E-Bike

hereinafter referred to as YOONIT Electric



without electrical assistance

hereinafter referred to as YOONIT Classic



Links

Link to external operating instructions

LEGAL REQUIREMENTS

In order to take part in public traffic, your YOONIT must meet the requirements of the traffic regulations of the country in which you want to drive. The YOONIT is legally equivalent to a bicycle and its operation is therefore subject to the same regulations. When participating in traffic, the same rules apply to cyclists as to drivers of a motor vehicle.

In Germany, the relevant conditions are defined by the Road Traffic Licensing Regulations (StVZO) and the Road Traffic Regulations (STVO). Among other things, they define the requirements for the braking and lighting system and stipulate the use of a brightly sounding bell. A bicycle must have two brakes that work independently of one another, one on the front and one on the rear.

All cyclists are obliged to keep their bike in a roadworthy condition and to maintain it or have it serviced accordingly. In Germany there is no obligation to wear a helmet. However, we recommend that you wear one for your own safety.

Before driving in another country, please find out about the legal requirements there.

Provisions for the Bicycle Ordinance for Austria are set out in the 146th Ordinance: Bicycle Ordinance of the Federal Law Gazette for the Republic of Austria. When using your bike in Switzerland, please inform yourself about the valid regulations in the "Ordinance 741.41 on the technical requirements for road vehicles" (VTS) in Articles 213 to 218.

INTENDED USE

Your YOONIT was designed and constructed for use on roads or paved paths. The YOONIT is intended for urban mobility and for participation in road traffic. The wheels should be in constant contact with the ground. Do not take your hands off the handlebars while riding. You should not ride wheelies, jump, descend stairs or perform similar maneuvers with your YOONIT. Attention! It is imperative to avoid transporting people other than intended, overloading the YOONIT or incorrectly assembling or repairing it. You run the risk of personal injury and property damage that can endanger your health and life. The guarantee of your YOONIT is void in these cases.

Likewise, any modifications to components or accessories that affect the load acting on the frame will result in the loss of the warranty for the frame. This applies in particular to suspension seat posts, suspension forks, and child seats mounted directly to the frame.

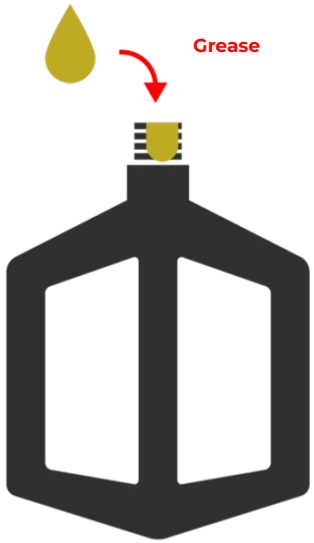
Please pay attention to the permissible total payload, consisting of the weight of the rider + load.

	Classic	Electric
Curb weight: YOONIT (incl. battery)	21 kg	27 kg
Leergewicht Family Up	15 kg	15 kg
Curb weight: Smart Carrier	2 kg	2 kg
Curb weight: Job Carrier	5 kg	5 kg
Curb weight: Daily Basket	5 kg	5 kg
Permitted driver's weight	100 kg	100 kg
Permissible load capacity	80 kg	80 kg
Permissible total payload	155 kg	155 kg



UNBOXING

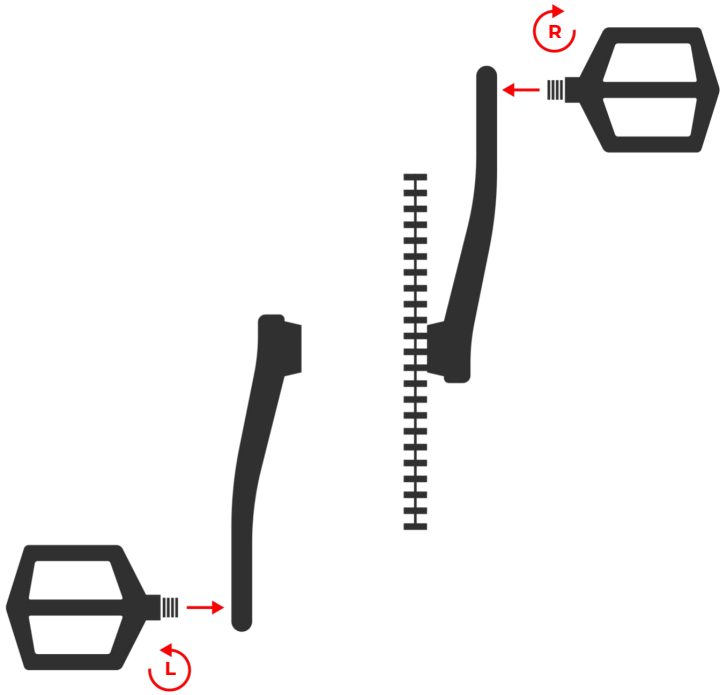
Your YOONIT was set up with great care in Germany and will largely be handed over to you pre-assembled. Nevertheless, check all screw connections before you take your first ride with the Mini Cargobike. More information and torque specifications can be found on page 67.

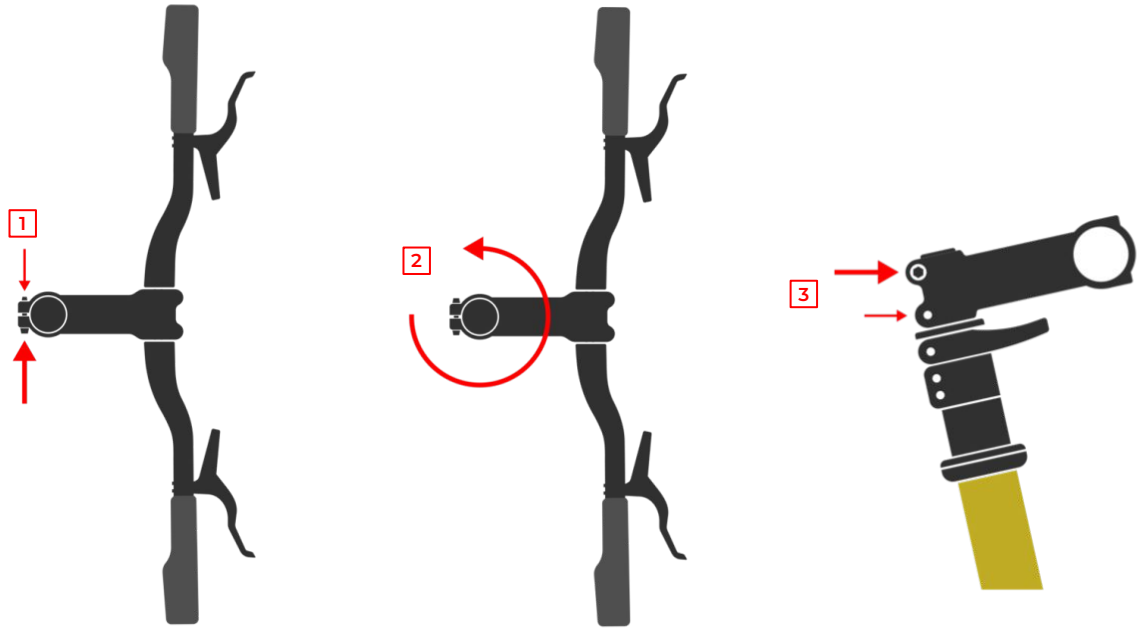


Step 1 Mount the pedals

Grease the threads of the pedals before attaching them. Only in this way can they be removed again after years of use.

You can recognize the left and right pedals by the embossed letters "L" and "R". Screw them into the threads as shown. The left pedal counterclockwise, the right pedal clockwise. Tighten to 35-40 Nm with a torque wrench.





Step 2 Aligning the handlebar

Loosen the two screw connections on the stem **[1]**. Put the handlebar in a straight position **[2]**. You can also take the front wheel between your legs and make sure that it is parallel to the stem.

If the handlebar is aligned correctly, screw the fastening screws alternately to **[3]**. Pay attention to the correct torque of 6–8 Nm.

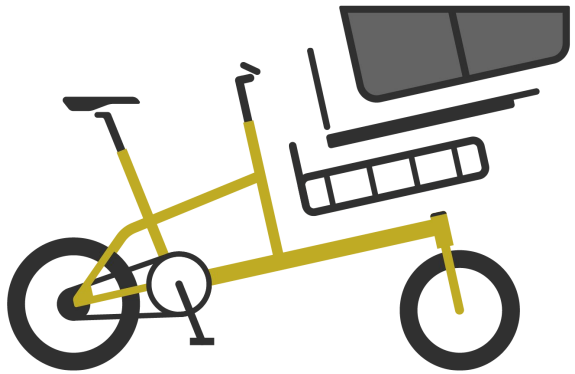
Only use the screws described to align the handlebars. Do not loosen the quick release or the plug on the stem adapter.



Step 3 Attaching the quick releases for the Adapt system

Take the three enclosed quick releases and guide the axles through the three openings **[4]** provided in the adapter system. Make sure that the quick release levers are placed on the right in the direction of travel.

Screw the preload screw only a short distance on the axle, so that you have enough space when you attach your carrier.



Step 4 Fastening your carrier

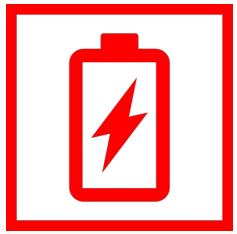
Now you can fasten your carrier. You can find out exactly how this works on page 20.

BEFORE YOUR FIRST RIDE

Before your first ride, read through all the warnings and notes that we have compiled for you in these instructions. If you have any questions after reading this, please do not hesitate to contact us at hello@yoonitbikes.com.

Driving in traffic requires a high level of concentration and fitness. Slowly test yourself on the properties of your YOONIT in a lonely place so that you feel safe while driving and braking.

We have summarized the most important steps that you should always observe before you can set off with your YOONIT.



Step 1 recharging the battery

When you receive your YOONIT Electric, the battery is not charged. Charge it fully. You can remove it from the YOONIT Electric or leave it attached to the bike.

An LED panel on the battery shows you that it is charging. You can find details about the battery in the instructions supplied with the drive system.

Step 2 Control check

- ❏ Are the handlebars and saddle adjusted for you?
- ❏ Can the steering move without play?
- ❏ Are you familiar with the characteristics of your platform pedals? There may be a risk of slipping when wet.
- ❏ Are the wheels properly seated in the fork and frame?
- ❏ Is the tire pressure suitable for your journey with or without a load?
- ❏ The front and rear wheels must be inflated to a pressure of 2.00 - 5.00 bar (30 - 70 psi).
- ❏ Are you familiar with the functions and operation of the add-on parts?
- ❏ Which brake lever actuates the brake of the front wheel, which one of the rear wheel? Make a note of the assignment of the brake levers.
- ❏ Are the brakes working properly and are the brake levers within easy reach?
- ❏ Have you checked that all fastening screws and nuts are correctly seated?

If one of these points is not met, please have your YOONIT checked by one of our service partners before your first trip.

Step 3 Fitting

An ergonomically correct sitting position is important for efficient driving with symptom-free movement sequences. On page 16 you will find information on the optimal adjustment of the handlebars and saddle.

Step 4 Switch on your STEPS system

Is the battery charged? Then the Shimano STEPS system can be switched on. The display informs you about the battery level, your speed and the selected support level.

- ➔ Depending on the model, press the upper button on the bike computer or the battery to start the system.
- ➔ Choose the level of support you want.
- ➔ In the menu you can switch the bike's lights on and off. We recommend that you always drive with the lights on. This increases your visibility in traffic.

To charge the battery, you can remove it from the YOONIT Electric or leave it attached to the bike.

EP5-Modell



EP6-Modell



BEFORE EVERY TRIP

Impellers
Check the condition of the tires and their air pressure. The wheels must run smoothly.

Lighting
Are the front and rear lights working properly? The front light should be set correctly so that other road users are not dazzled.

Brakes
When you pull both brake levers, you should feel a distinct pressure point. The brakes are not properly adjusted if you can pull them all the way to the handle.

Payload
Make sure to load your YOONIT evenly and that your load is always fixed. No safety-relevant parts may be disturbed or covered in their function during transport. Driving stability can suffer from incorrect loading. Driving and braking behavior can change with a heavy load.

Total weight
The permitted total weight must not be exceeded. Please refer to the table on page 50, which shows the total weight for your YOONIT.

Battery pack
Make sure that the battery is sufficiently charged before every journey. Before driving, check that the battery is firmly seated in the holder, it should be audibly locked into the holder. It is also important to check the seat again after the journey.

Quick release and screw connections
Before every ride, check that all quick releases and screw connections are firmly tightened. The quick releases on the front wheel, on the Adapt System of the carrier, the cockpit riser and the seat post must be tightened before you set off.



When you've worked through the checklist and followed everything, you're good to go. If there is a problem with one or more components, please contact your service partner or contact our support team at hello@yoonitbikes.com.



As soon as you step down the pedal of your YOONIT Electric, the motor switches on. You can adjust in advance how much it supports you. Once you have reached the top speed of 25 km/h, the support switches off. The drive switches on again automatically as soon as the speed has fallen below 25 km/h and you start pedaling again.

ERGONOMICS AND SEATING POSITION

Before using your YOONIT for the first time, you should adjust the seating position to your height. A seat position that is adjusted to you is essential for safe, comfortable and efficient driving with symptom-free movement processes. The saddle offers adjustment options in terms of height, horizontal alignment and inclination. Handlebars and stem can be adjusted in height and orientation.

Saddle height
Estimate the right height of the saddle for you and fix it with the quick release. Sit on your YOONIT. Avoid tilting, you can also have someone hold you. Now place your heel on the turned down pedal. If your leg is straight in this position, the saddle is at the correct height. If you now put the pedal and leg in the right position to start driving, the leg should be slightly angled.

If your foot is at its widest point above the pedal axis, your foot is correctly positioned.

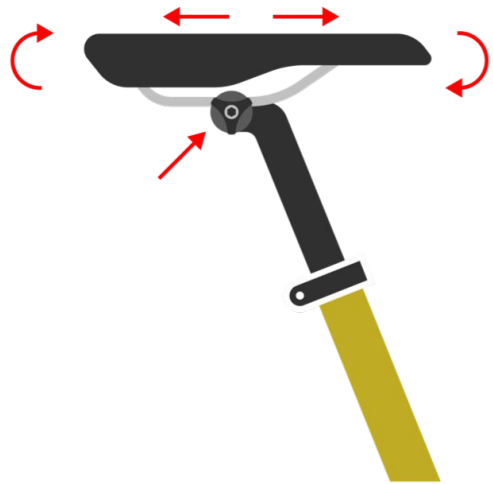
The saddle height depends on the body size of the rider. Driving the YOONIT must be possible without impairing driving safety or health. Only pull out the seat post so far that the seat post clamp is still securely clamped.

Make sure that you can safely reach the ground with your feet while sitting on the saddle. Otherwise, there is a risk of tipping over with a heavy load.

Attention! The seat post must never be pulled out of the seat tube further than the embossed mark. If no marking is visible, at least 7.5 cm of the seat post must remain in the seat tube.

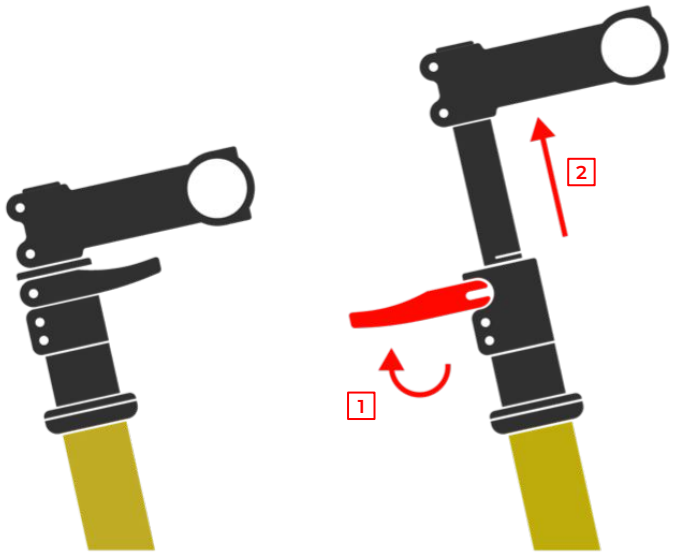
Saddle inclination
Before starting your journey, you should test whether the saddle and seat post are securely attached. Grab the front and back of the saddle and try to turn it. He shouldn't be able to move.

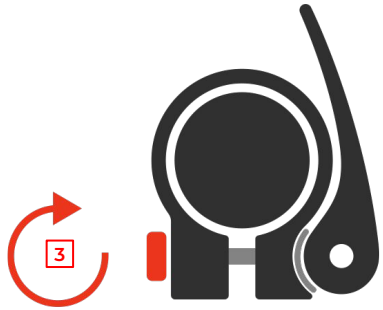
Once the saddle height has been adjusted, its incline must also be adjusted. You can adjust the saddle when the saddle clamp screws on the seat post are open. The position of the saddle is correct when it is level.



COCKPIT ELEVATION

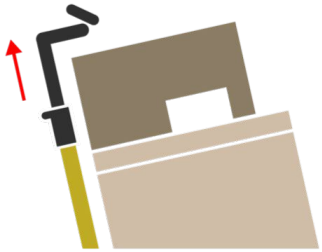
Your YOONIT is equipped with a height adjustment system for the handlebar. With the help of the quick release mechanism, the handlebars can be easily adjusted in height without tools.





Height adjustment
To adjust the height of your cockpit, proceed as follows: Open **the quick release lever [1]**. By pulling up or pushing down the stem adapter, the height of the grip position can be adjusted to your individual needs. Pay attention to **the maximum extension length [2]**. Then close the quick release lever again. Check the preload of the quick release lever. If there is no longer any preload, turn **the adjusting screw [3]**, which is located on the opposite side, a few turns clockwise.





Check the tightening value of the screws after approx. 500 km and then regularly as part of the service intervals, but at least once a year. You can find the correct tightening values on page 50.

Do not adjust the height while driving. This could lead to a fall.

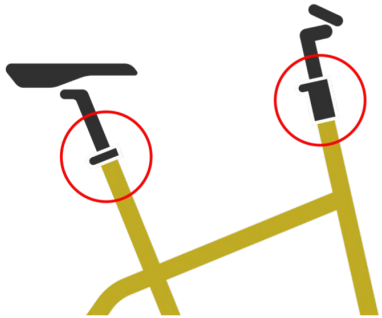
To avoid a fall or accident, the stem adapter must be replaced after it has been damaged.

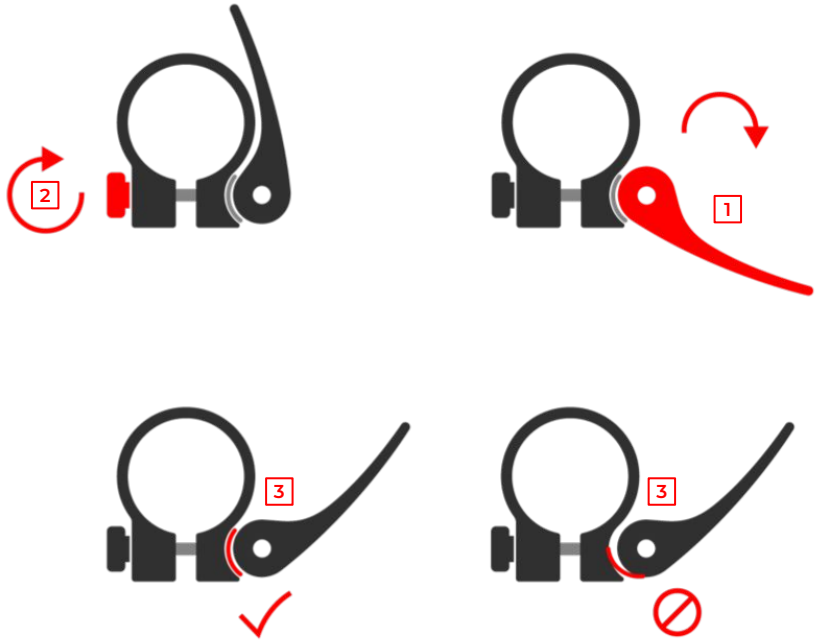
Never pull the stem adapter further than the embossed maximum marking out of the steering tube!

If you want to transport children, pay attention to the height of the handlebar. When driving, the handlebar must be able to turn freely over the children's heads. Make sure there is enough space between the top edge of the helmet and the handlebar.

QUICK RELEASES

The supplied quick-release clamps are devices that, instead of a screw connection, can quickly fix components on your YOONIT without tools. With the force that you exert on the quick release lever, you clamp it in one direction and open it in the other direction. You can adjust the resistance of the clamping with the adjusting nut **[2]** when the quick release lever **[1]** is open.





The holding force of the quick release is set correctly if you feel counter-pressure when you close the quick release from halfway through the lever travel. At the end of the lever path, enough force must be required that you need the force of the ball of your hand to close it.

Make sure all quick releases are securely closed before you set off. The closed quick release lever [1] must lie close to the frame and always point against the direction of travel so that it is not opened due to unintentional contact while the vehicle is in motion.

Before you fix the quick release, make sure that the silver half-moon shell [3] is flush with the curve of the quick release lever. If the half-moon shell [3] is crooked, the clamping function can be impaired and the quick release can be damaged!

LOADING SAFELY

Correct loading is an important prerequisite for safe and comfortable driving. Before you set off, please note the following:

- ➔ Is the carrier firmly fixed by the quick release?
- ➔ Is your child buckled up correctly or is the load secured?
- ➔ Has the permissible total weight been taken into account?
- ➔ Is the load evenly arranged?
- ➔ Can the steering be moved freely as far as it will go and can the wheels turn freely without being blocked by the load?
- ➔ Does the tire pressure match the requirements of your journey?
- ➔ Are the lights and reflectors exposed so that your visibility is guaranteed?



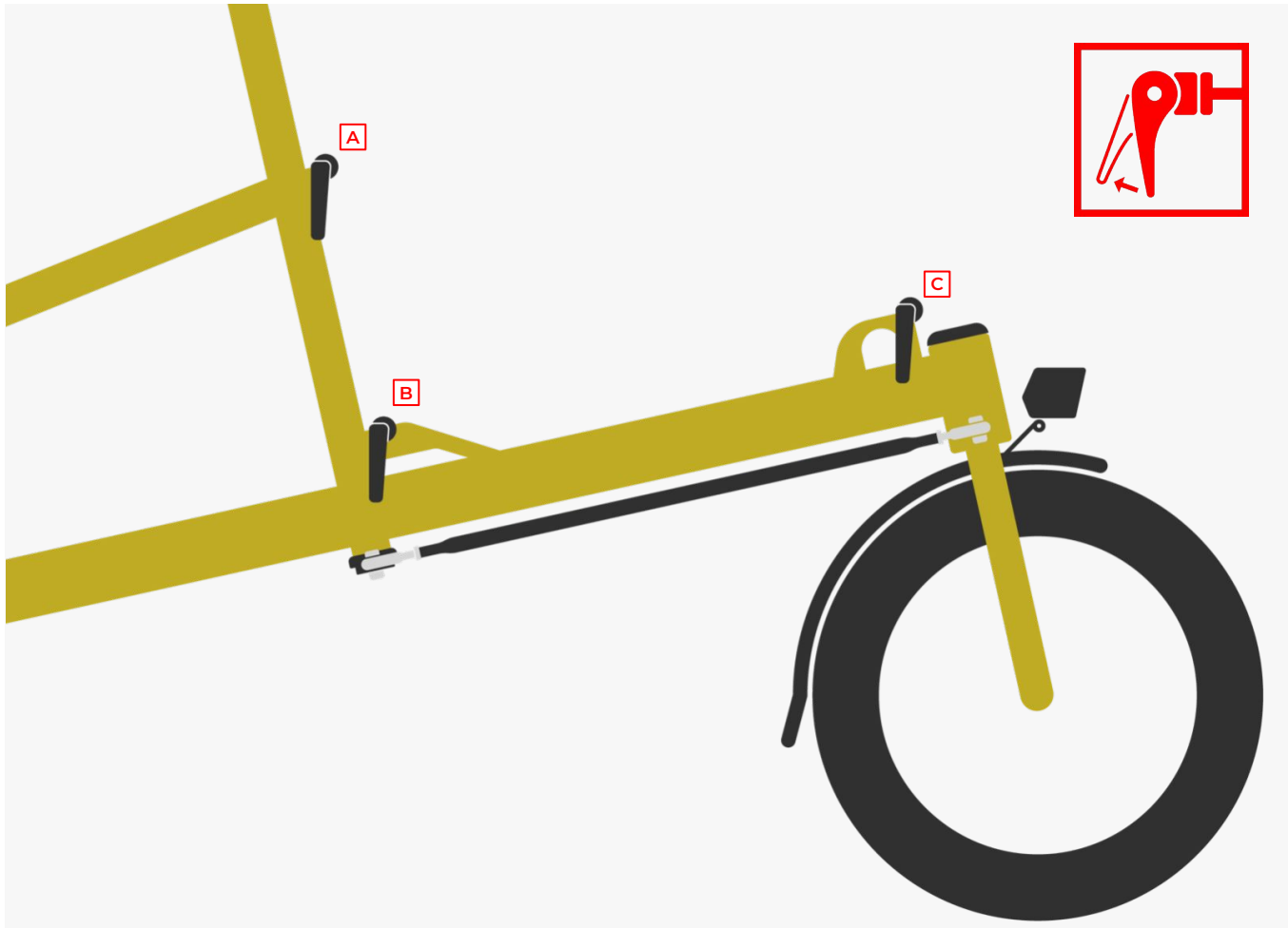
The weight of the load should determine your driving style. A child or a heavy load affects the driving and braking behavior of your YOONIT. The steering is exposed to increased forces and the braking distance can be longer. So drive defensively and with foresight.

FASTENING LOAD CARRIER

Your YOONIT is equipped with the Unique Adapt System. Thanks to the three quick-release brackets, the various load carriers can be mounted quickly and without tools. Your YOONIT can be transformed from a family vehicle into a load transporter in a very short time. The Unique Adapt System offers a platform for a variety of individual transport solutions.

YOONIT offers several transport solutions for different needs:

Family Up
Daily Basket
Smart Carrier
Job Carrier
Base Carrier
Euro Carrier



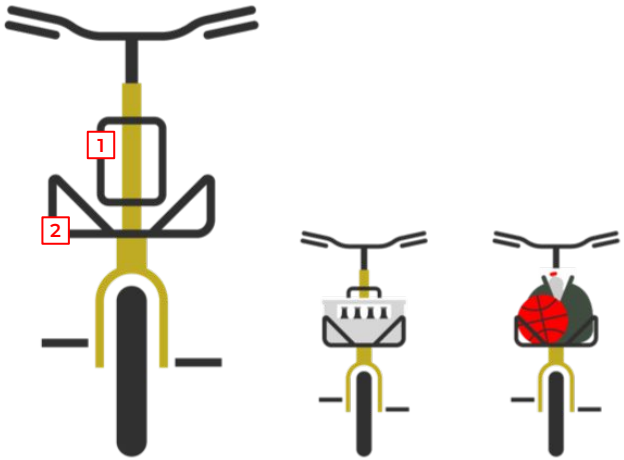
SMART CARRIER

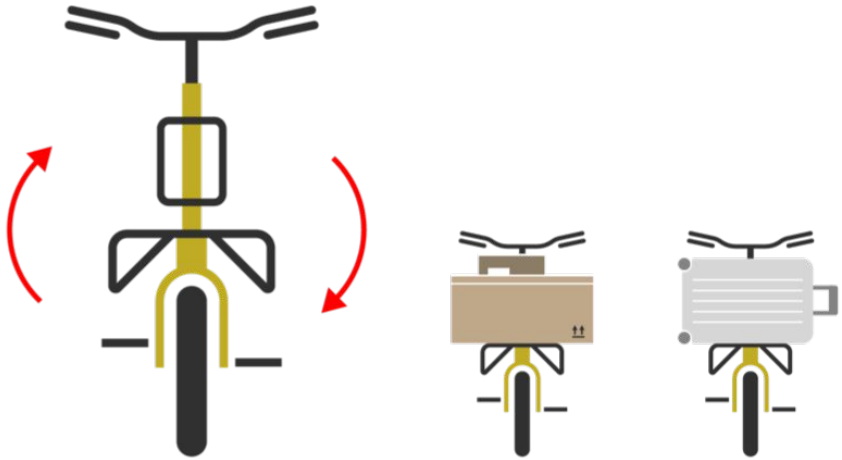


The YOONIT Smart Carrier is designed for the everyday transport of shopping goods or picnic equipment. The loading basket can be rotated 180 degrees, which means that the transport spectrum is expanded to include large-volume goods.

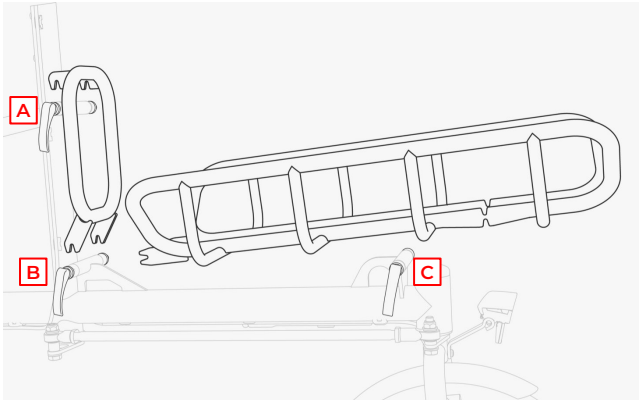
Components
1x Rear frame (aluminum tube) **[1]**
1x Basket (aluminum tube), reversible **[2]**

The two-part Smart Carrier is basket and loading area in one. By turning the basket, you can remove the side limitation and increase the loading height. The rear frame offers you additional fastening options to secure your load.



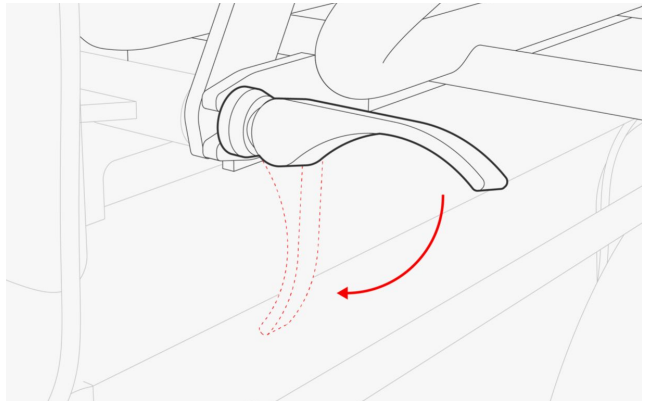


Mounting



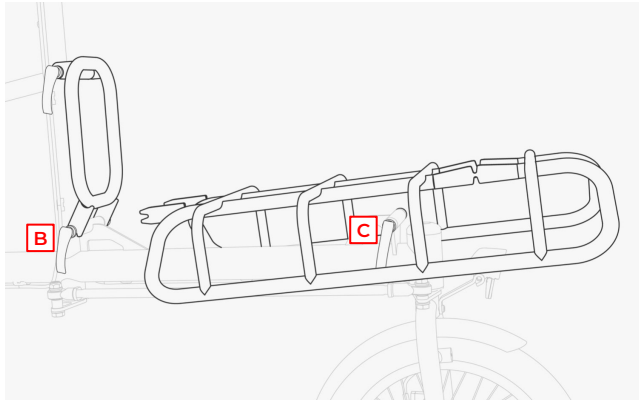
Step 1 Inserting back frame and basket
At the beginning, open the three quick releases of the Adapt system and unscrew them as much as possible so that you have enough space to insert the carrier.

Place the rear frame by putting its pairs of dropouts on the quick release axles **[A]** and **[B]**. Then take the basket and first thread it into the mounting point **[B]**. Then slowly lower it until the other pair of dropouts come to rest on the quick release axle at mounting point **[C]**.



Step 2 Tightening the levers
Check that all pairs of dropouts lie on the axles of the quick release. Now screw the quick releases tight and tighten the levers.

Make sure that the required clamping takes place at all three mounting points. The dropouts must sit firmly and without a gap between the mounting tube and the quick release.



Step 3 Turning the basket
If you want to convert the basket into a loading area with no lateral limitation, loosen the quick release at points **[B]** and **[C]**. Unscrew it to the maximum so that you have enough space. First lift the basket out of the anchorage at point **[C]** and then pull it forward out of the holder **[B]**. Turn the basket and reattach it as described under "Step 1".

When assembling your carrier, take your time and proceed carefully. If you are unsure about the assembly, let your service partner support you. It is important that the carrier is firmly connected to the Adapt system.

Before every ride, make sure that all pairs of dropouts are hooked onto the quick release axles and that the quick releases are tight. This is the only way to ensure that the carrier cannot come loose during the journey.

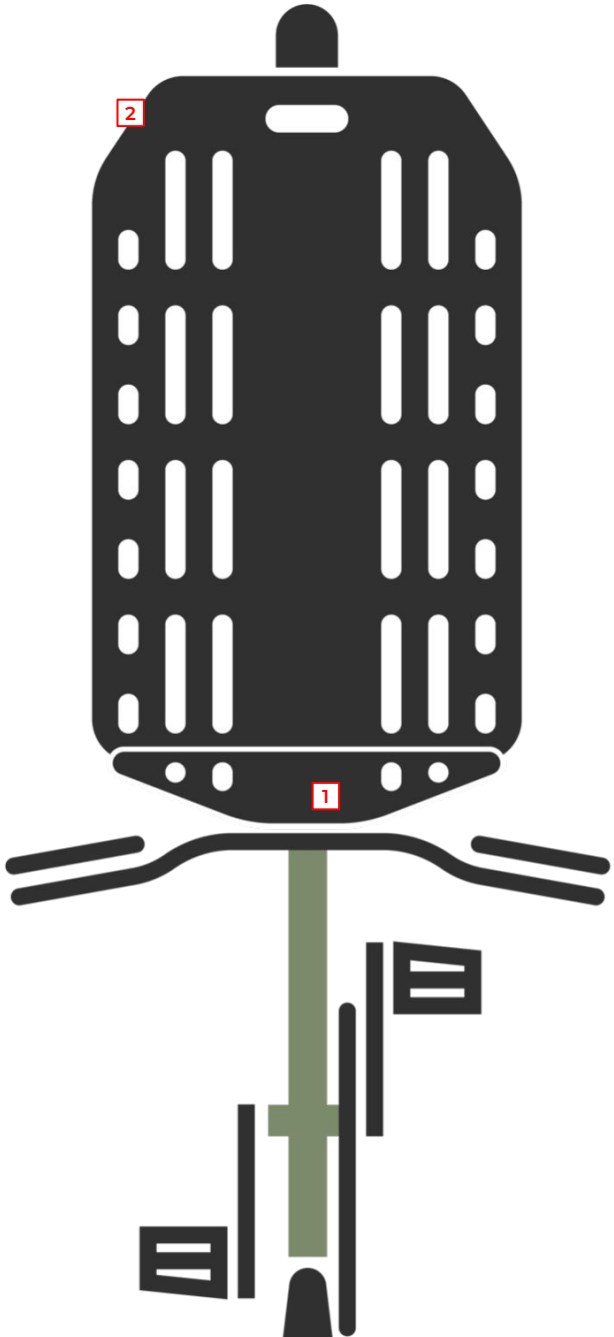
JOB CARRIER

The YOONIT job carrier can be used to transport a wide variety of types of goods. The recesses in the loading area offer almost unlimited lashing options.

Components
1x Back plate (PP) on aluminum profile **[1]**
1x Base plate (PP) on aluminum profile **[2]**

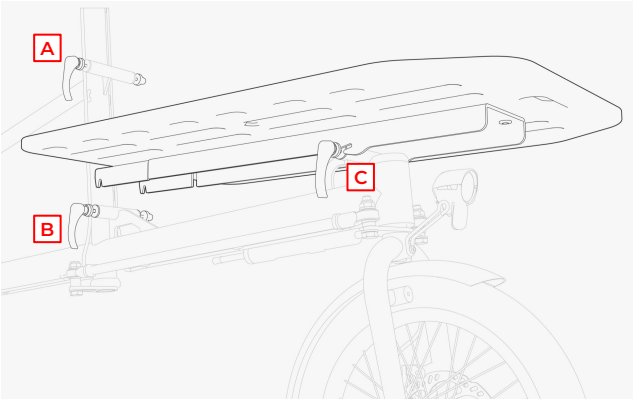


Loading and lashing
If you use the job carrier for transport, secure your cargo conscientiously. For example, you can fasten it with quick release straps so that it does not slide sideways from the carrier when cornering or forwards during braking maneuvers.



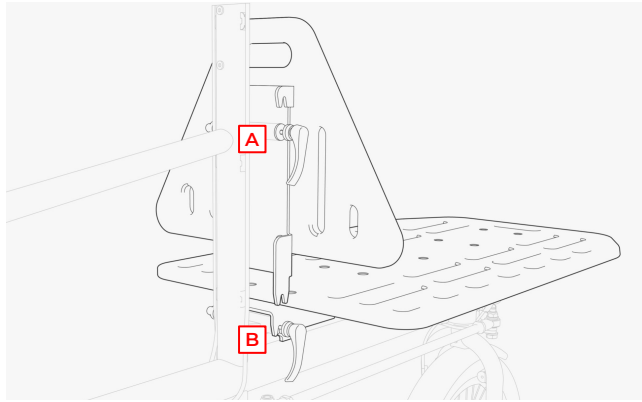
Inadequately secured cargo can result in accidents with personal injury and property damage. Pay attention to your safety and that of those around you.

Mounting

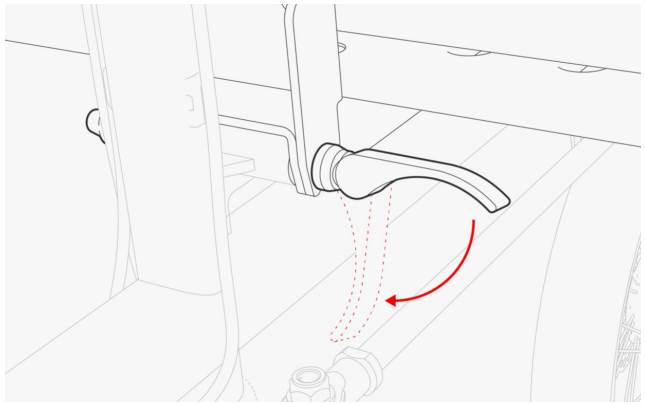


Step 1 Inserting the base plate
At the beginning, open the three quick releases of the Adapt system and unscrew them as much as possible so that you have enough space to insert the carrier.

Hold the base plate at a slight angle and first thread it into the mounting point **[C]**. Then slowly lower it until the rear pair of dropouts come to rest on the quick release axle at mounting point **[B]**.



Step 1 Inserting the back plate
Place the backplate by putting the pairs of dropouts on the quick release axles **[A]** and **[B]**.



Step 3 Tightening the levers
Check that all pairs of dropouts lie on the axles of the quick releases. Now screw the quick releases tight and tighten the levers.

Make sure that the required clamping takes place at all three mounting points. The dropouts must sit firmly and without a gap between the mounting tube and the quick release.

When assembling your carrier, take your time and proceed carefully. If you are unsure about the assembly, let your service partner support you. It is important that the carrier is firmly connected to the Adapt system.

Before every ride, make sure that all pairs of dropouts are hooked onto the quick release axles and that the quick releases are tight. This is the only way to ensure that the carrier cannot come loose during the journey.

FAMILY UP

The Family Up is designed to support you in your daily life with children. It features an accessible front entry, ample space for transporting your children, and room for large grocery hauls.

Components
1x Carrier and child seat incl. 2x five-point belt
1x Conversion kit for frame lock
1x Conversion kit for front light and wheel guard

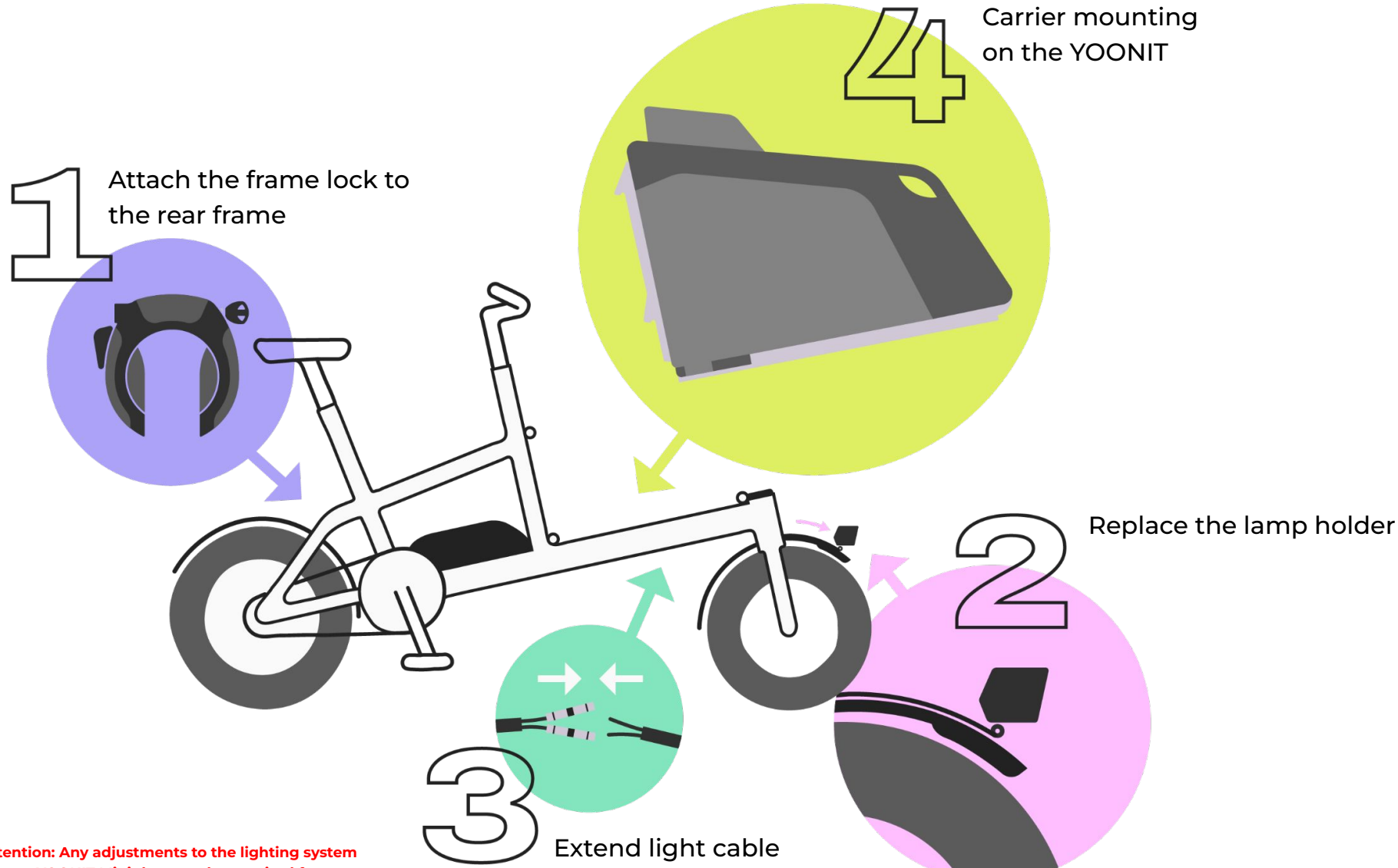


The side flaps [1] of the child seat cushion can be folded outward and secured with hook-and-loop fasteners. The raised padding provides additional comfort for your child's head, especially after longer rides.

The front cover plate of the center tunnel features two rows of holes for mounting one or two bottle holders [2]. The holes are not pre-threaded, but the standard M5 screws included with most bottle cage systems can be screwed in with slight pressure.

It is mandatory to use the child seat's restraint system by securing your children with the harness and closing the buckle.

Overview of assembly



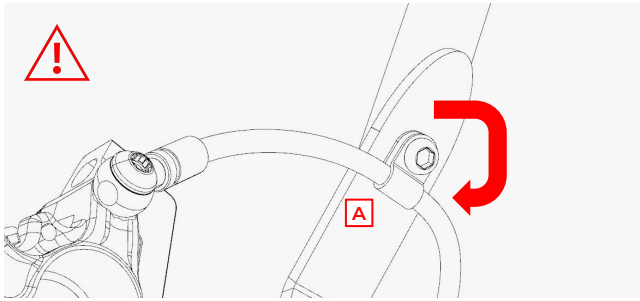
Attention: Any adjustments to the lighting system of your YOONIT Mini that may be required for installing the Family Up Carrier should be carried out by a trained professional at a YOONIT Store near you.

STEP 1

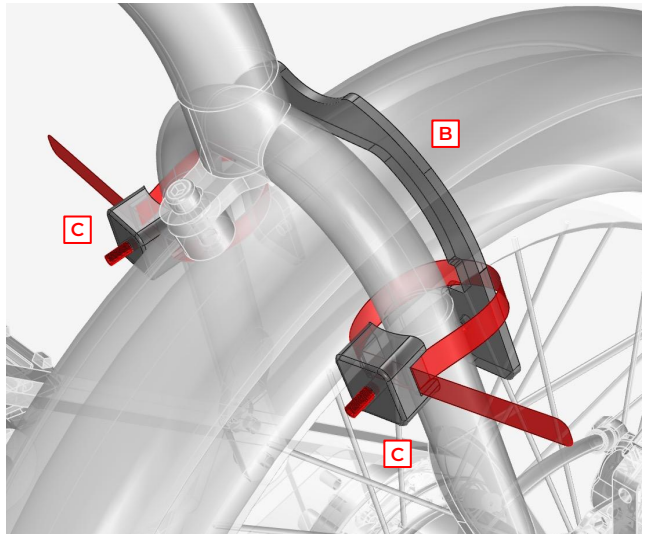
Mounting the frame lock onto the rear part of the frame

To use the Family Up, the frame lock at the front fork must be removed. Using the adapter plate included in the accessory pack, it can be mounted on the rear end of the YOONIT.

Scope of delivery accessory pack
1x Adapter plate
2x ABUS clamp
2x Cylinder head screw M5
2x Spring washer M5



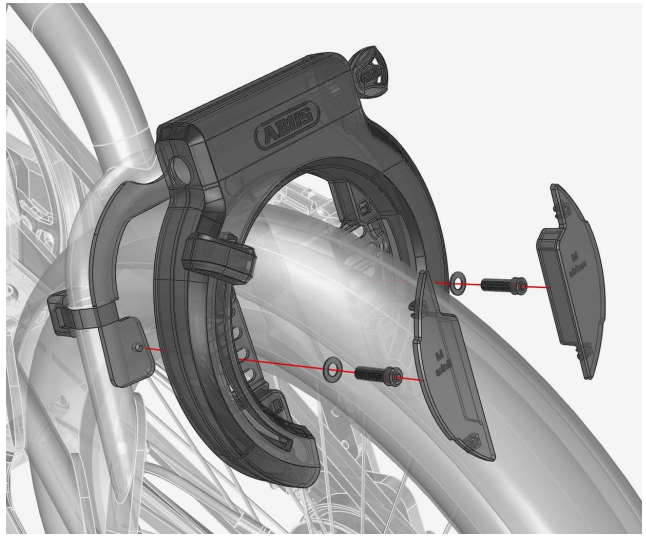
Loosen the brake cable holder **[A]** on the left seat stay and mount it upside down so that the cable runs a little further down.



Position the included adapter plate **[B]** and the clamps **[C]** on the rear end as shown in the illustration.

Thread the metal strap around the seat stay at the level of the cutout in the plate and then back through the clamp body. Pull it as tight as possible before tightening it by screwing in the grub screw, thus securing the plate.

Finally, cut off the excess strap with pliers.



Now mount the frame lock to the adapter plate.

To do this, guide the M5 cylinder head screws through the corresponding recesses on the lock using the spring washer as shown. Screw them into the threaded holes on the adapter plate.

Then insert the cover caps into the lock housing.

If your YOONIT is equipped with Schwalbe Pick-Up tires, we recommend using the ABUS 6950M frame lock. It ensures the required clearance from the tire.

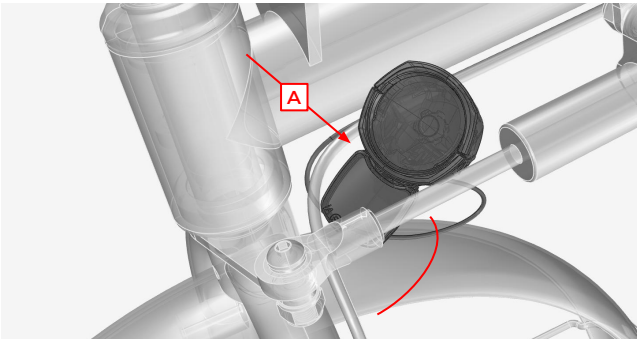
STEP 2

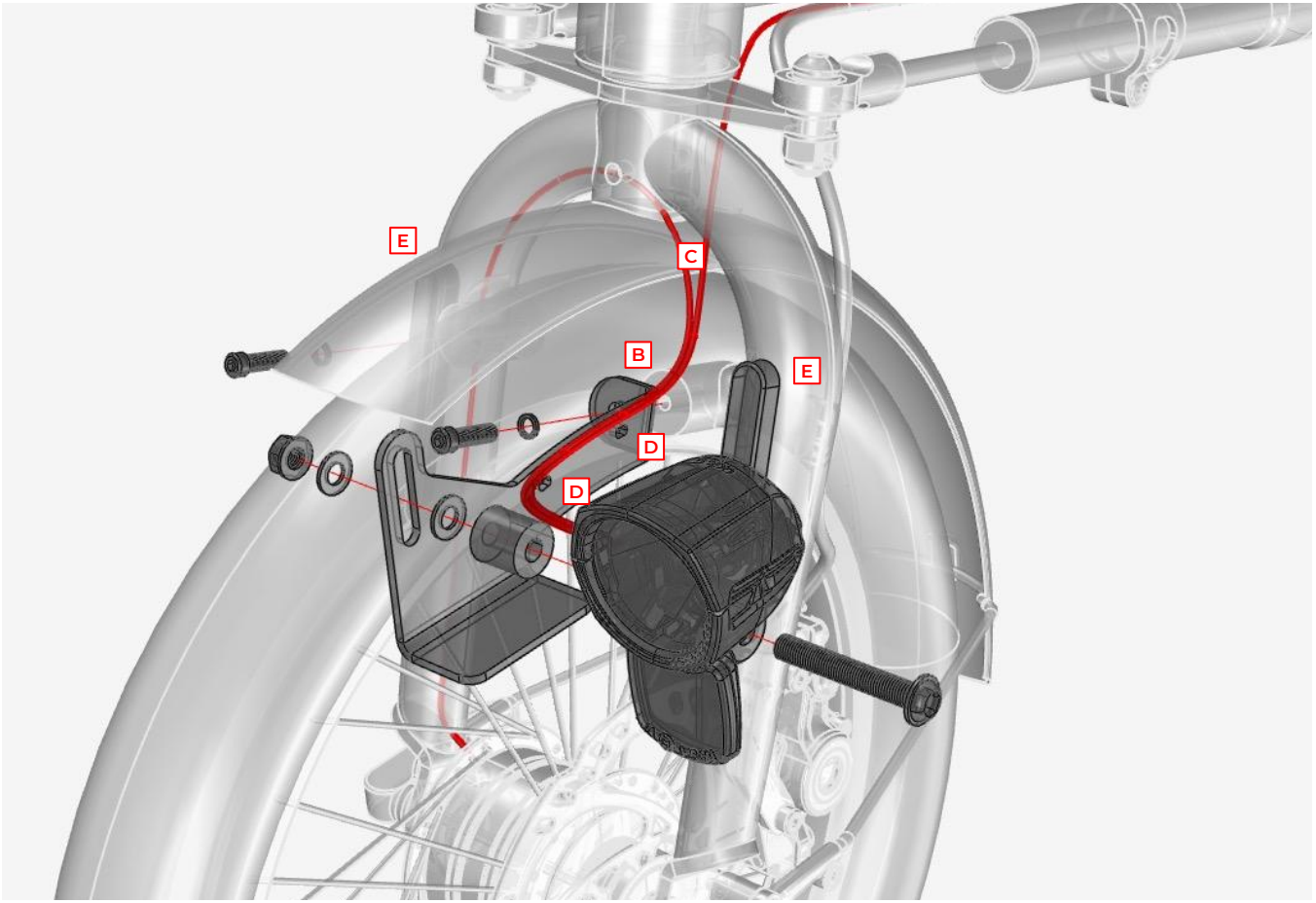
Replacing the lamp holder

To use the Family Up, the front light must be relocated. To do this, disassemble and detach it from the light mount. Also, remove the front wheel.

Scope of delivery accessory pack

1x Front light holder
2x Cable ties
1x Flat head screw M6x40mm
1x Plastic spacer
2x Washer M6
1x Lock nut M6
2x Cylinder head screw M5
2x Spring washer M5
8x Solder sleeve
2x Extension cable
4x Shrink tubing
2x Front reflector





Relocating the headlight forward requires a longer cable. All YOONIT Electric models from 10/2024 onwards with Schwalbe Pick-Up tires are already prepared for the conversion with an extended cable. This can be carefully pulled out of the motor housing as far as necessary to allow free steering. For the older Electric and the Classic models, the existing cables must be extended, see Steps 3a and 3b on the following pages.

[A] Guide the front light between the steering damper and the down tube and back to the front underneath the fork.

[B] Attach the replacement light holder to the left threaded socket of the fork using an M5 x 16 mm cylinder head screw and the spring washer. Screw the second M5 screw and second ring into the right socket.

Route the present light cables **[C]** underneath the left fork arm, close to the fork crown, and guide them forward along the light holder.

Mount the front light to the light holder using the M6x40mm flat-head screw, the plastic spacer, the washers, and the M6 nut.

Secure the cables to the recesses **[D]** of the light mount using cable ties.

Finally, glue the included reflectors **[E]** to the top left and right front of the fork arms.

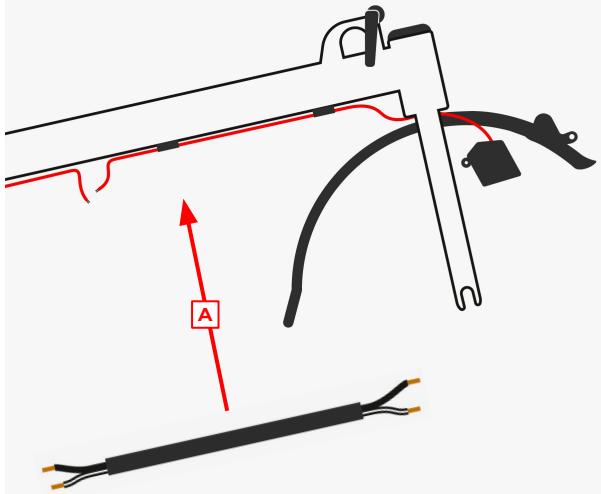
When installing the front light please note the minimum permissible height of the lower edge of the light outlet of 40 cm above the ground.

STEP 3A

(For YOONIT Electric before 10/2024)

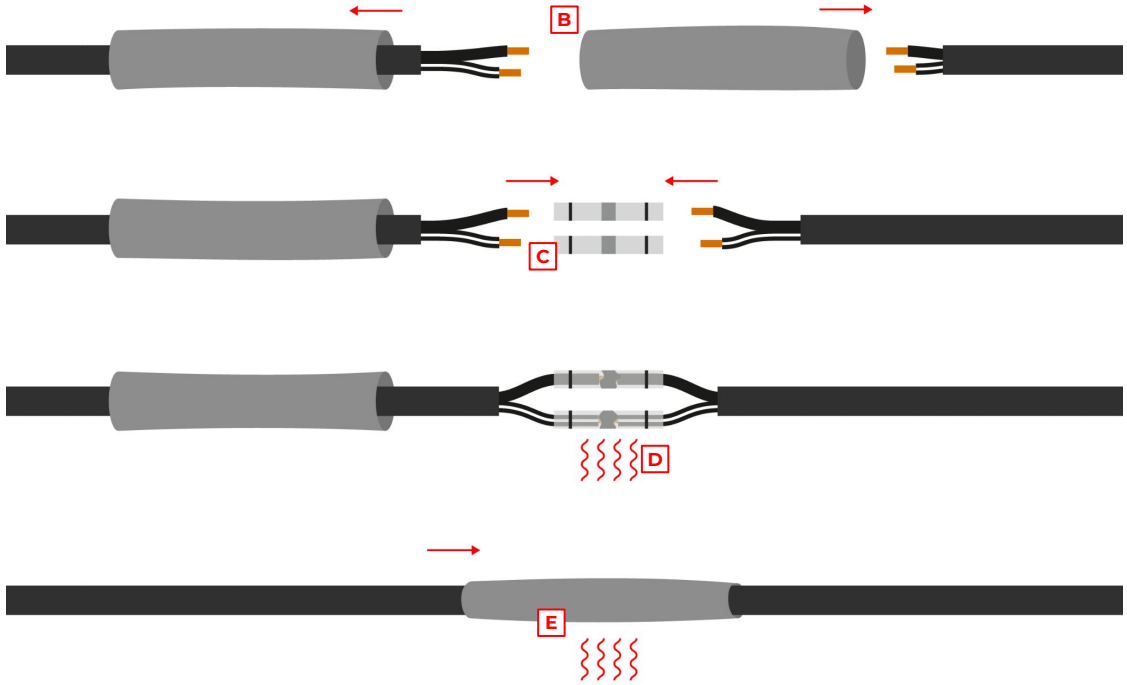
Extend the light cable

1x



Remove the front light cable from the cable holder beneath the down tube **[A]**. Disconnect the rear light cable at this point.

When extending and connecting the cables, be sure to observe the correct polarity! The wires are marked with black and black-and-white stripes for easy identification.



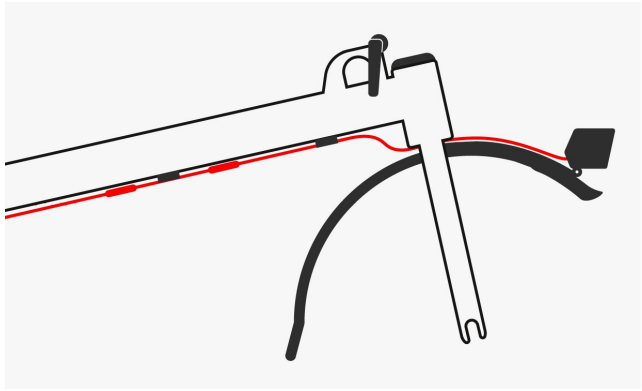
Slide the two heat shrink tubes over the cable **[B]**.

Strip the insulation from the wires and insert the individual strands into the soldering sleeve **[C]**.

Use a heat gun to melt the wires inside the soldering sleeve **[D]**. Afterward, check that the connection is secure.

Now, slide the heat shrink tubing **[E]** over the cable connection and use the heat gun again to shrink the tubing, ensuring a clean and insulated connection.

This step is required for all models that were not shipped from the factory with Schwalbe Pick-Up tires. YOONIT Electric models (from 10/2024 onwards + Pick-Up) already come with an extended light cable, which can be carefully pulled out about 20 cm from the motor housing.

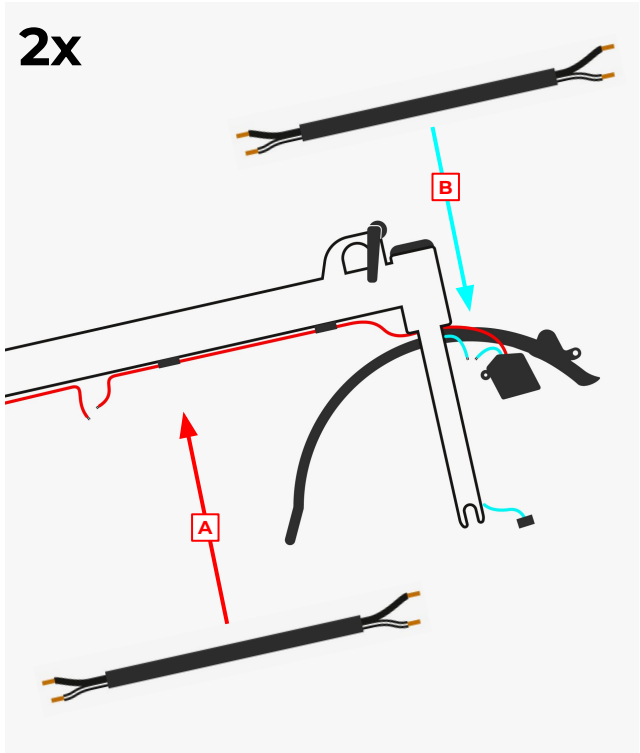


Once the cable is extended, you can reattach it to the holder and mount the headlight onto the new front light holder.

STEP 3B

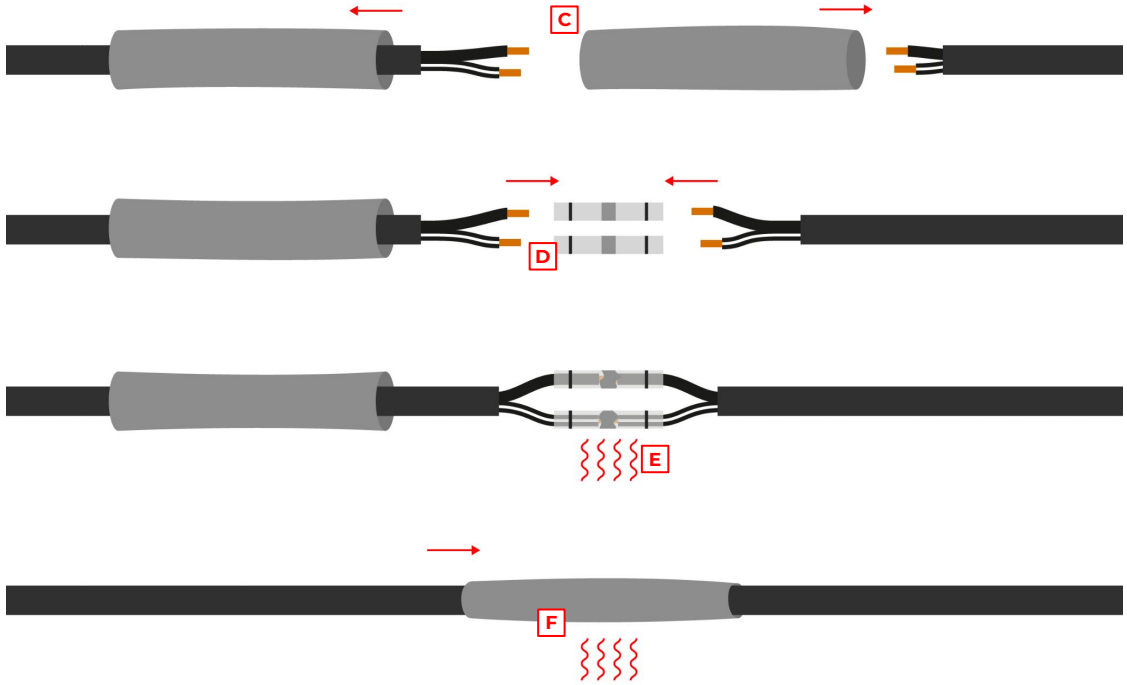
(For YOONIT Classic only)

Extend the light cable



Remove the rear light cable from the cable holder beneath the down tube **[A]**. Disconnect the rear light cable at this point. Then, disconnect the dynamo cable **[B]** from the top between the fork crown and the front light.

When extending and connecting the cables, be sure to observe the correct polarity! The wires are marked with black and black-and-white stripes for easy identification.

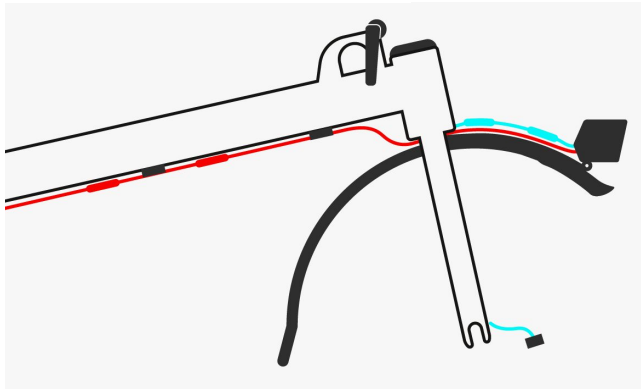


Slide the two heat shrink tubes over the respective cables **[C]**.

Strip the insulation from the wires and insert the individual strands into the soldering sleeve **[D]**.

Use a heat gun to melt the wires inside the soldering sleeve **[E]**. Afterward, check that the connection is secure.

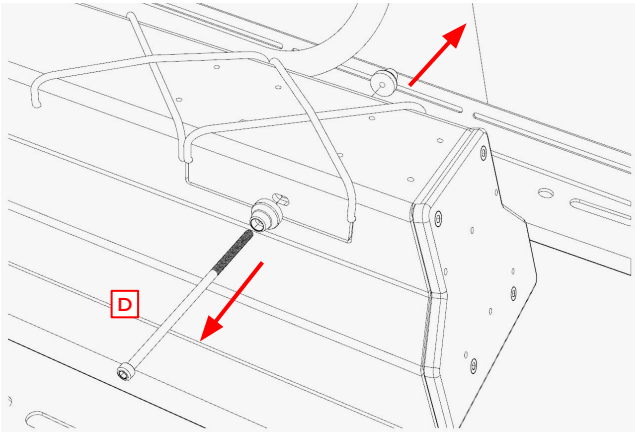
Now, slide the heat shrink tubing **[F]** over the cable connection and use the heat gun again to shrink the tubing, ensuring a clean and insulated connection.



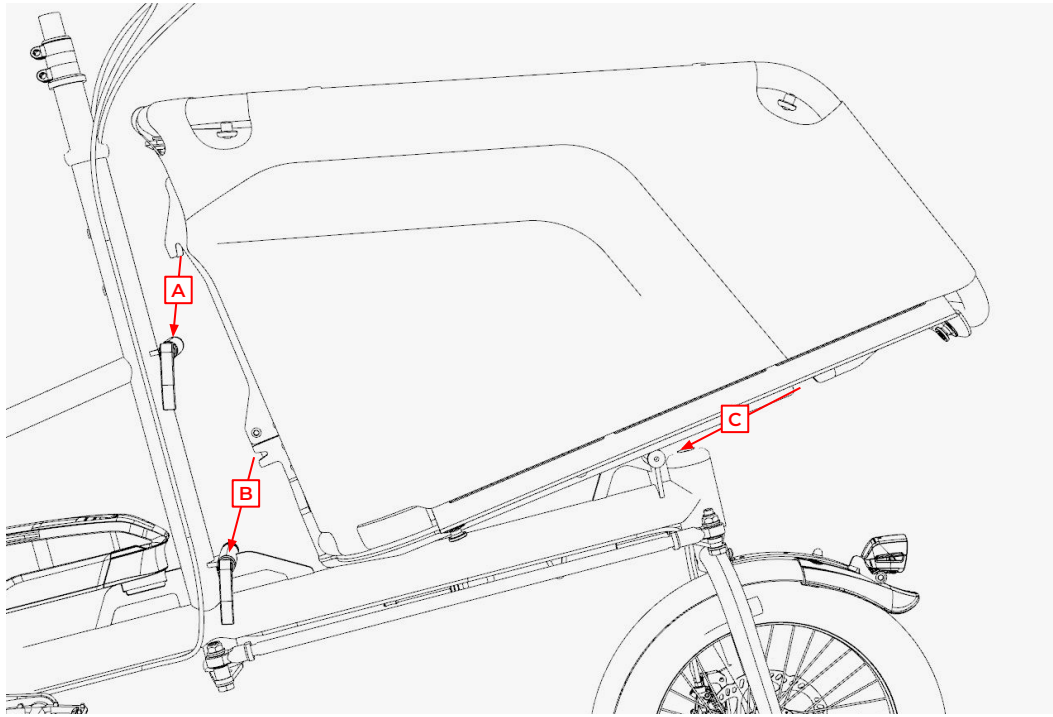
Once the connection is complete, you can reattach the cable to the holder and mount the headlight on the new front light holder.

STEP 4

Mounting the Carrier on the YOONIT



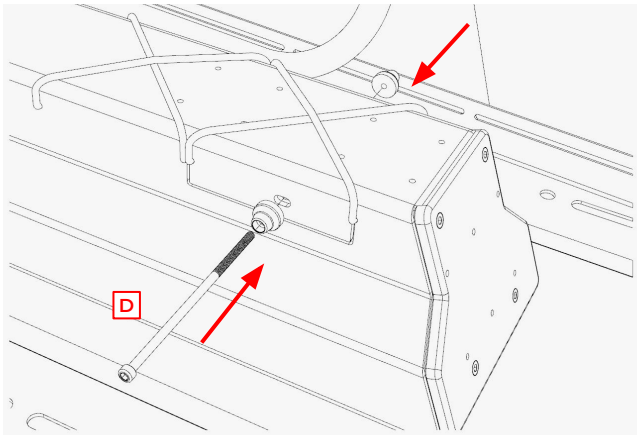
The Family Up is connected to the Adapt-System at three points.
First, remove the screw axle **[D]** at the front of the carrier and set it aside for later use.



To attach the carrier loosen the two rear quick-release levers **[A, B]** and remove the front quick-release **[C]** from the YOONIT.

Hold the Family Up slightly tilted backward and carefully begin to hook it onto the mounting point **[A]**. Once the dropout pair is positioned on the quick-release axle, you can gently lower the carrier forward.

Ensure that the lower dropout pair rests on the mounting point **[B]** on the down tube, on the corresponding quick-release axle.



Finally, insert the screw axle through the hole in the carrier's front tunnel plate into the mounting point **[D]** on the down tube. Tighten it securely using a 4mm Allen wrench.

When mounting the carrier, take your time and proceed carefully. If you are unsure about the assembly, seek assistance from your service partner. It is essential that the carrier is securely attached to the Adapt-System.

Before each ride, check that both dropout pairs on the quick-release axles are properly engaged and that the quick releases are tightly secured. This ensures that the carrier will not come loose during your ride.

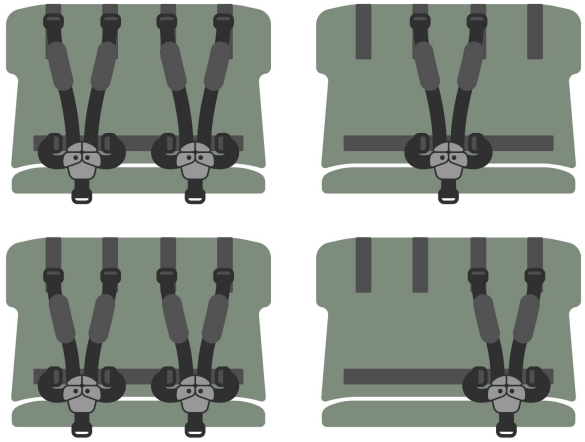
CHILD SEAT

The child seat is designed for children who can sit independently and are up to 120 cm tall. On the YOONIT, children may only be transported using the appropriate child seats in combination with the Family or Family Up. We recommend that all cyclists wear a helmet for protection.

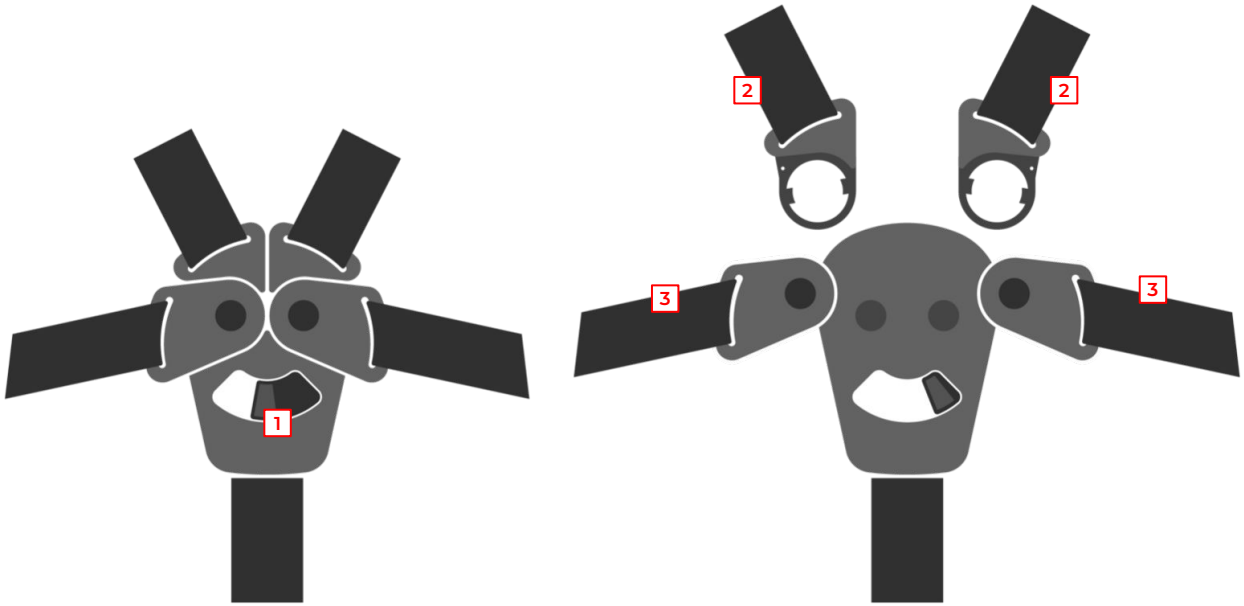
Before each ride, ensure that the handlebars can move freely above the children's heads. A small gap between the brake levers and the child's helmet is essential to avoid the risk of accidents or injury.

Before each ride, check that the locking hooks are securely engaged.

Children may only be transported on the YOONIT with the child seats from the Daily Basket and Family Up. The use of child seats from other manufacturers is not permitted.



Positioning the Straps
The Family Up child seat can accommodate up to two children, safely securing them with the harness. For transporting a single child, you can anchor one harness unit centrally in the backrest. This ensures a balanced weight distribution, which improves both safety and handling.

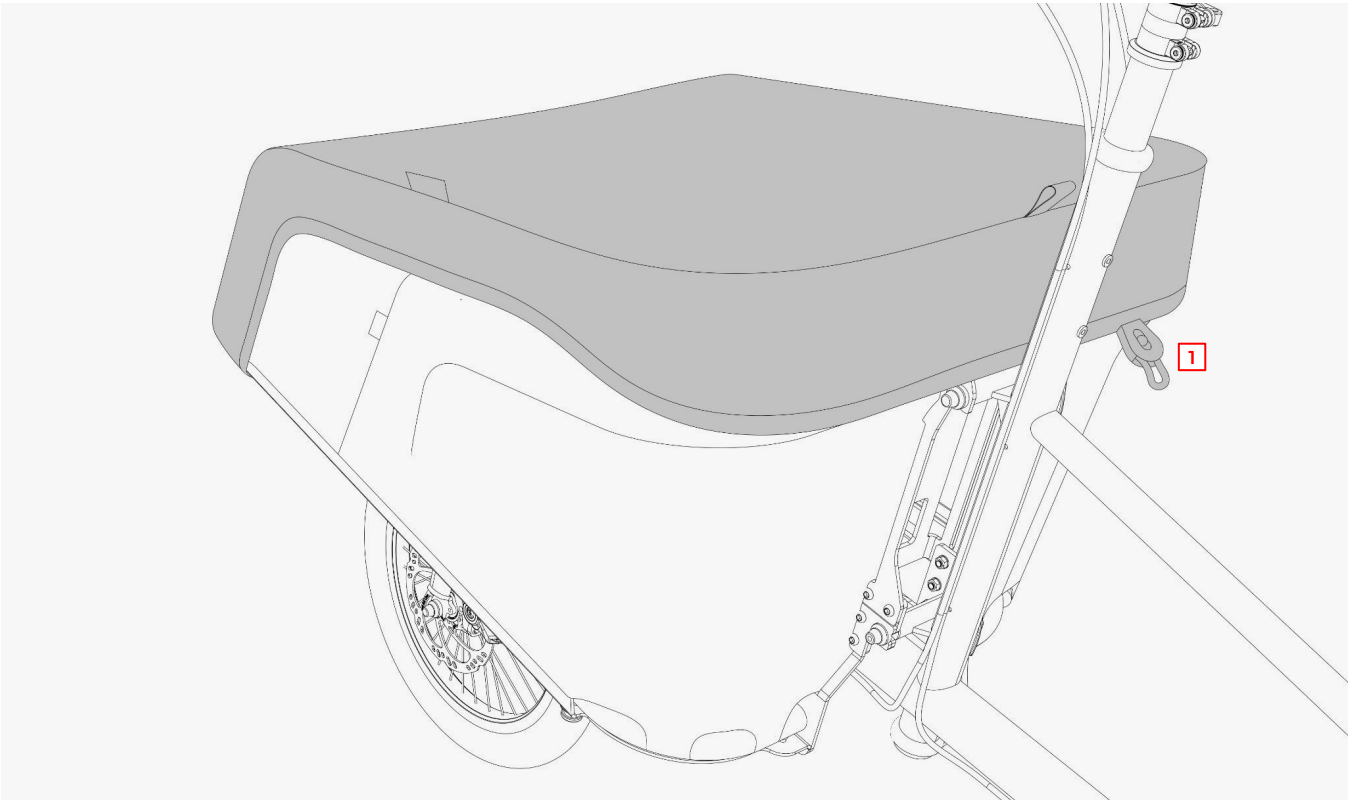


Application of the belt buckles
The 5-point belt system is held together by the belt buckle / snap buckle, which is equipped with an sliding mechanism to be opened and closed. The shoulder **[2]** and waist belt **[3]** can be opened together or separately. Open the buckle **[1]** by pushing the sliding bolt to the side.

ROLL UP COVER

The Roll Up Cover protects your cargo in the Family Up from rain and weather. It securely covers the carrier with an elastic cord all the way around — with or without a child seat.

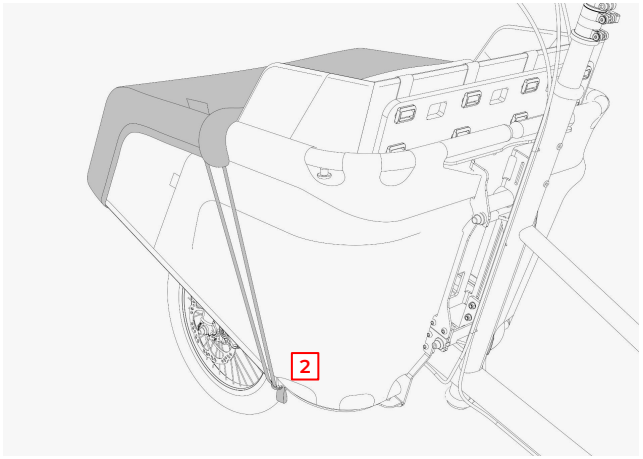
To create space for children riding along, the Roll Up Cover can be rolled up.



Components
1x Roll Up Cover

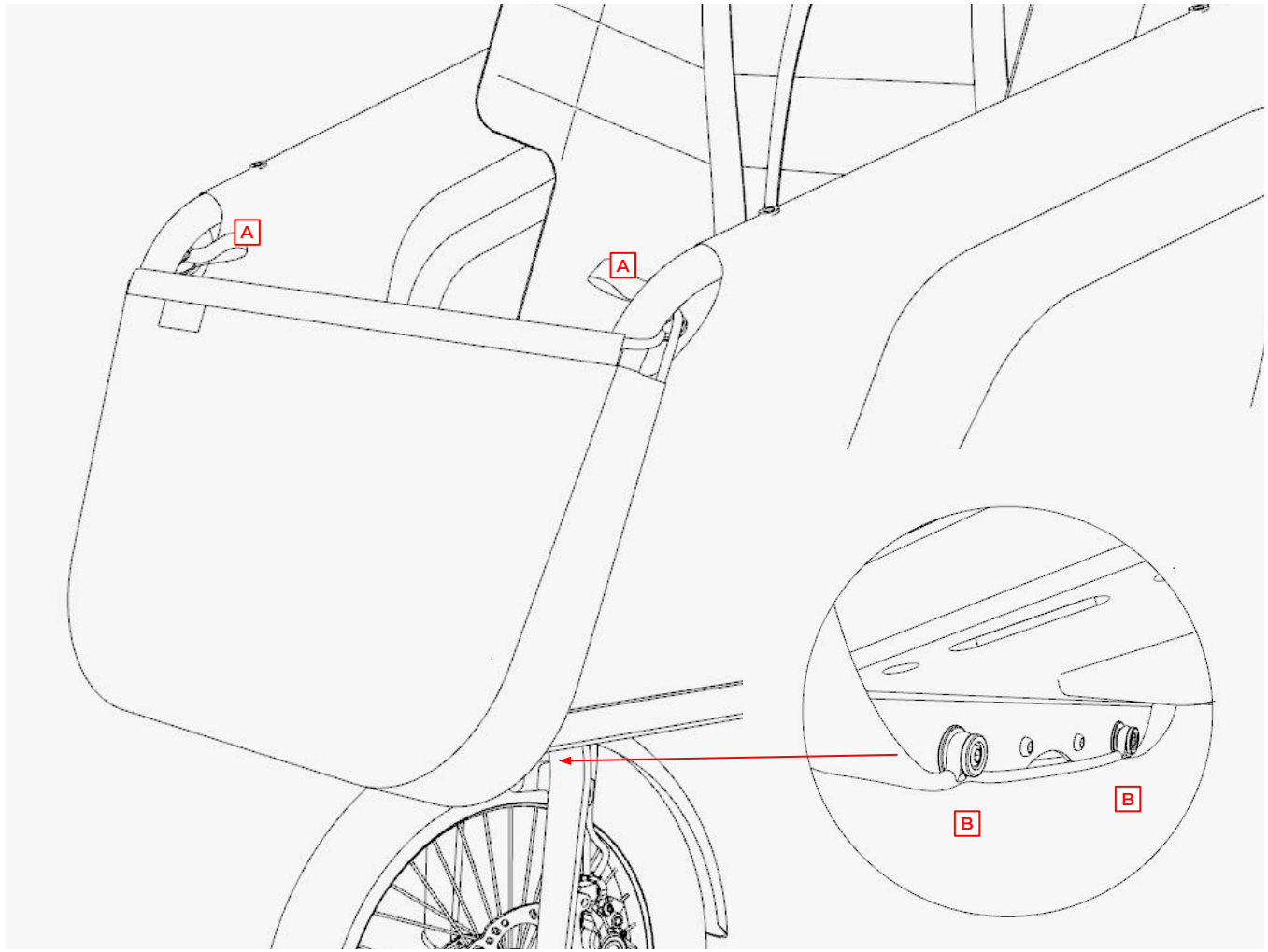
Place the Roll Up Cover over the Family Up, ensuring that the cord stopper **[1]** is positioned at the rear right side of the carrier. This stopper allows you to adjust the tension of the elastic cord if needed.

To uncover the rear section of the carrier, roll the cover from back to front until you reach the side-attached cord loops, and then pull them down to tighten. At the bottom of the carrier, you will find a round button **[2]** on each side to hook the loops into place. Each loop has a webbing tab for easier gripping.



FRONT BAG

To protect your cargo from falling out, the front opening of the Family Up can be closed with the Front Bag. In addition, it offers a handy pocket function with a zipper to store small items securely and keep them within easy reach.



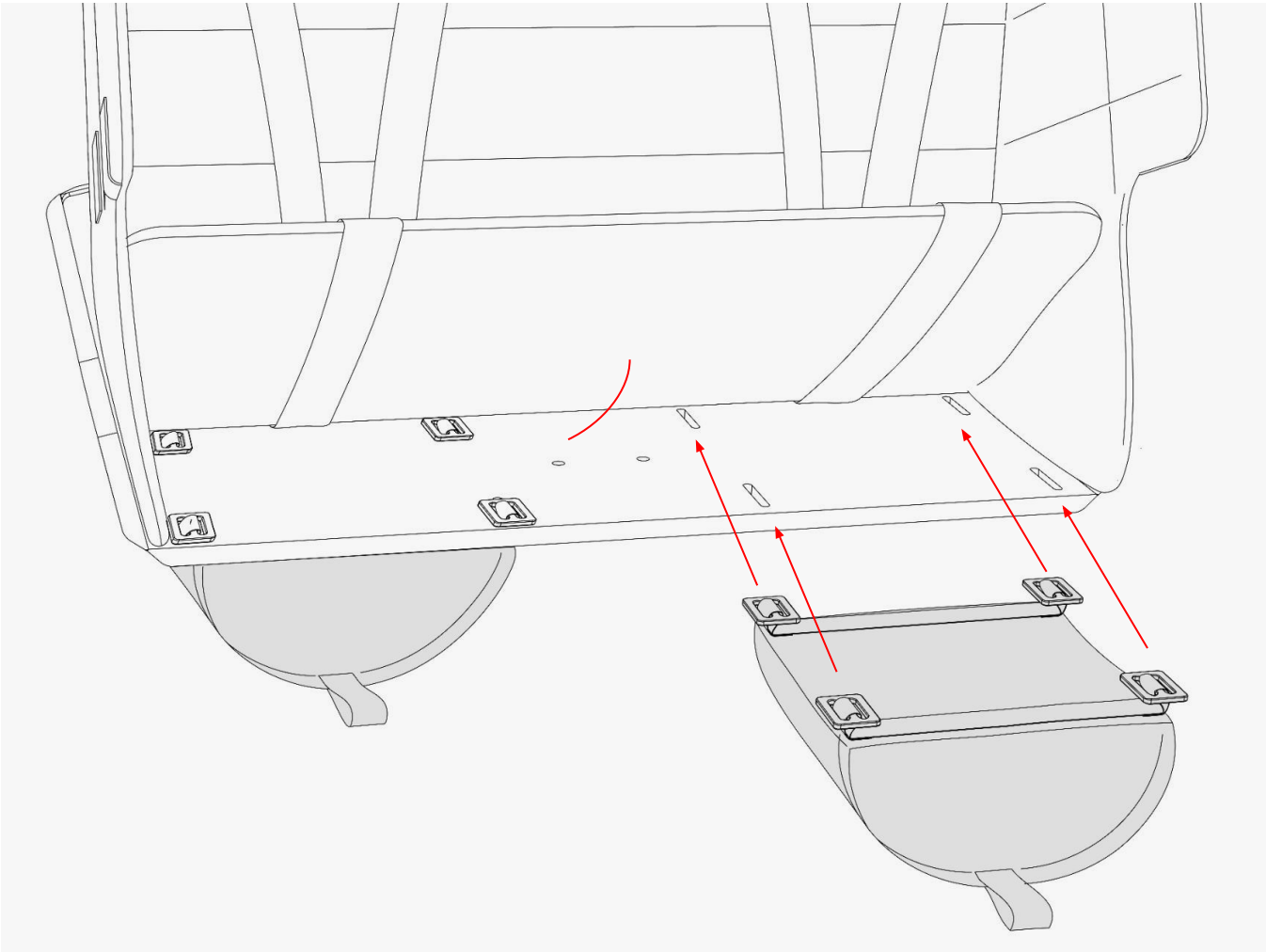
Components
1x Front Bag

Hang the Front Bag at the front of the carrier by threading it under the front lip of the carrier. Then, hook the cord loops on both the left and right sides into the round buttons **[A]** on the main tube. Each loop has a webbing tab for easier handling

At the bottom edge of the bag, there are two cutouts in the hem, through which the drawstring can be routed and hooked behind the round buttons **[B]** on the front lip. This secures the bag firmly to the carrier, preventing it from falling down when the front opening is cleared.

ORGANIZER BAGS

Beneath the Family Up child seat, optional Organizer Bags provide secure storage for items such as toys, water bottles, or snacks, keeping them easily accessible.



Components
2x Organizer Bag

The seat bench has four square-shaped cutouts on the left and right sides of the seat surface. Lift the seat cushion to expose them.

To attach the bag, thread the four metal buckles on the top of the bag through the corresponding cutouts.

The Organizer Bags can be hung under the seat on the left and right sides, but not in the center, as the seat is mounted there on the central tunnel of the carrier.

ROLL UP CANOPY

The Roll Up Canopy reliably protects your children in the Family Up Carrier from the elements. It offers ample space while still allowing convenient front access. Its shape and the panoramic roof window ensure that the rider always has a clear view of the children and the road. With the front door rolled up, an integrated insect net provides protection from unwanted passengers. On the rear side, within easy reach of the rider, the canopy features two pockets for storing personal items safely and protected from moisture.



Contents

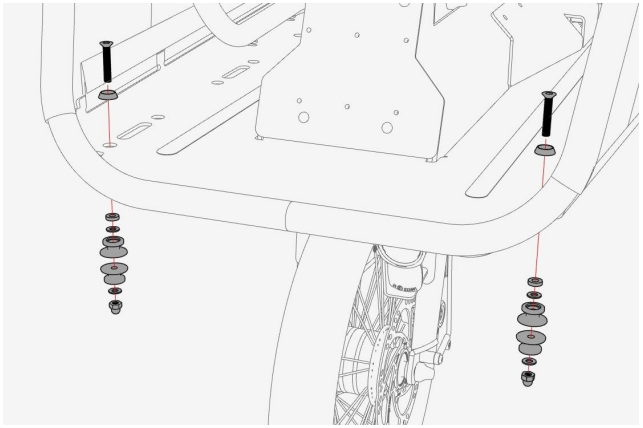
1x Transport bag
1x Canopy
1x Front door, detachable
1x Insect shield, detachable
2x Countersunk screw M6
2x Plastic rosette
2x Plastic washer M6
4x Tarpaulin hook
4x Washer
2x Cap nut M6

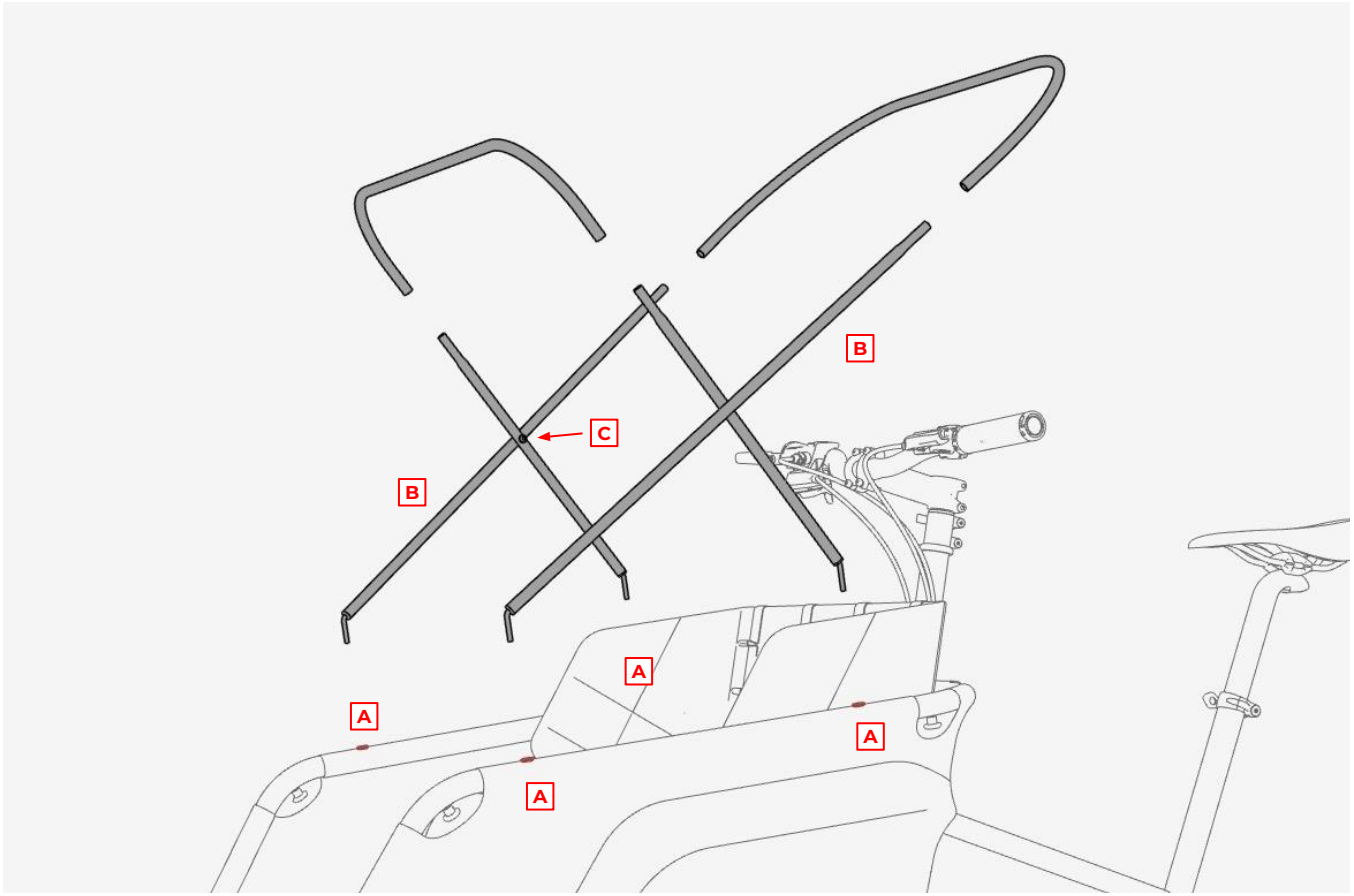
The Roll Up Canopy consists of a fabric cover that is stretched over a metal frame using elastic loops and thereby mounted onto the carrier. It features a rear section that can be closed with a zipper, a detachable front door, and an insect net that is secured with Velcro fasteners.

The front door can be rolled up and secured at the top using an elastic cord and hook. For quick access, it can also be flipped over the roof and held in place at the rear roof edge with a magnet.

ROLL UP CANOPY – Assembly

Step 1 Installation of the tarpaulin hooks
First, mount the tarpaulin hooks at the front left and right of the carrier by using the parts from the small parts bag. Attach them through the frontmost round hole on the underside of the carrier floor. Insert the M6 countersunk screw from above through the plastic rosette into the hole. As shown in the illustration, add the components from below in the following order: M6 plastic washer, stainless steel washer, two tarpaulin hooks, another stainless steel washer, and finally the cap nut. The plastic washer rests in the round hole.
Position the two tarpaulin hooks so that their base surfaces are flush against each other.





Step 2 Attachment of the metal frame
The Roll Up Canopy should be installed on the carrier already mounted to your YOONIT.
Loosen and remove the four plastic screws from the threaded rivet nuts **[A]**, located at the top left and right of the carrier's main surrounding tube.

Insert the two cross elements **[B]** of the frame into the exposed rivet nuts, placing the pin ends so that the longer tube on each side rests in the front rivet nut and the shorter tube in the rear one.
Align the cross elements so that the head of each connecting screw **[C]** faces inward, and the longer rear-facing tube runs on the outside of the shorter one.
Finally, attach the two curved tubes to the cross elements: the smaller one to the front tube ends and the larger one to the rear tube ends.

ROLL UP CANOPY – Assembly

Step 3 Fitting the canopy over the frame
First, take the front door and attach it to the front edge of the canopy roof. To do this, insert the two zipper segments of roof and door on the right side and zip them closed from right to left. Secure the zipper end with the Velcro fastener.

Fold the front flap back and lay it over the roof.

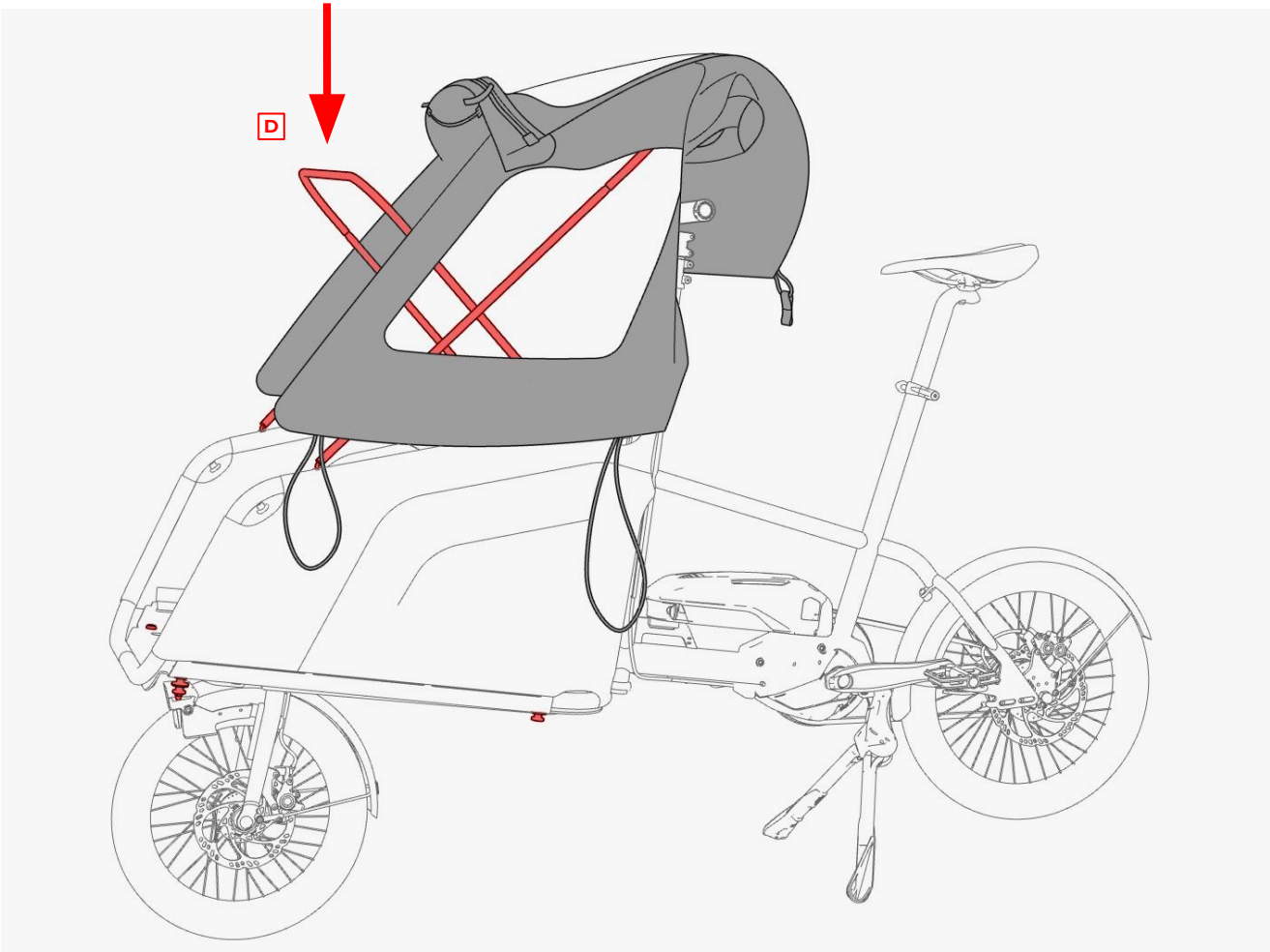
Next, slide the canopy with the rear section closed over the metal frame from the back.

Important: With one hand, apply steady downward pressure to the center of the front curved tube **[D]**. This ensures that the frame remains securely seated in the mounting holes on the carrier.

With your other hand, guide the canopy from the back onto the frame, allowing the section with the pockets to pass between the handlebar and the frame, and slide down into the area behind the carrier.
Make sure to align the canopy correctly as you pull it over, so that the side windows are evenly positioned and the canopy fits snugly around the back of the carrier.

Note: On the inside rear edge of the canopy roof, there is a fabric flap with Velcro fastener for securing it to the rear curved tube of the frame. When pulling the canopy into place, ensure that this tube fits properly into the securing flap.

When removing the Roll Up Canopy, it is also helpful to secure the frame in the mounting holes of the carrier by pressing down on the center of the front curved tube.



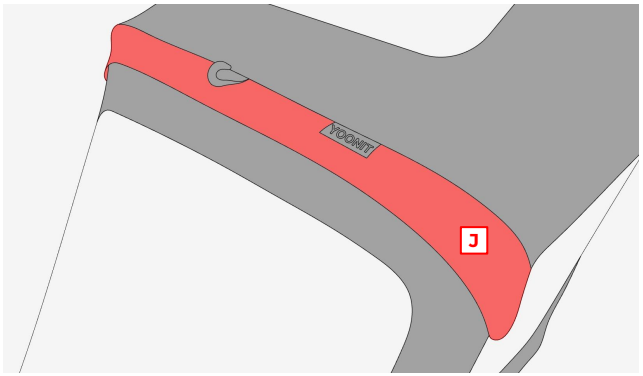
ROLL UP CANOPY – Assembly

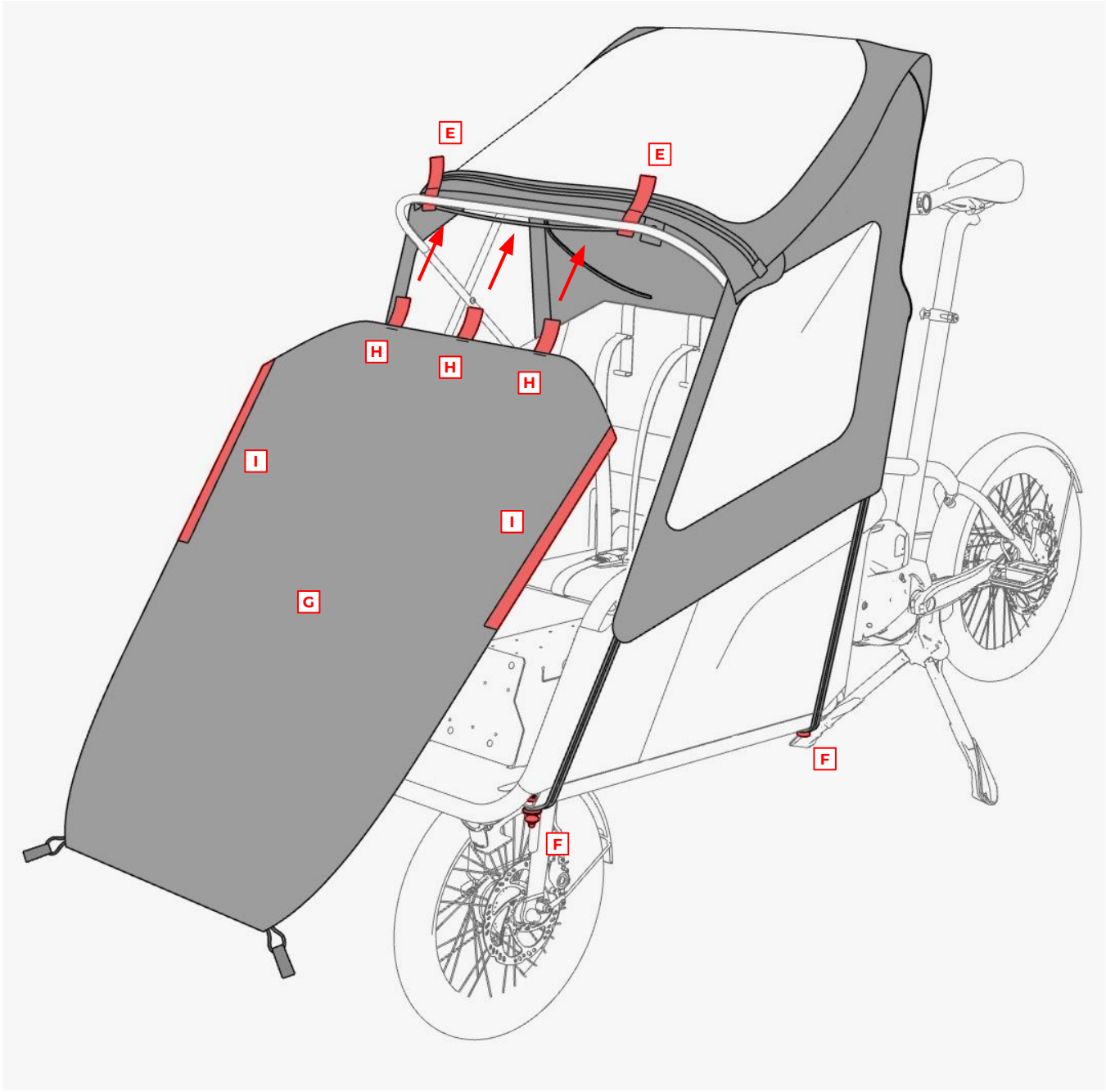
Step 4 Securing the canopy
Pull the canopy roof forward until it reaches the front curved tube and secure it using the two Velcro fasteners **[E]** located at the front edge of the roof. Then, fasten the long elastic side loops of the canopy to the corresponding tarpaulin hooks **[F]** on the underside of the carrier.

<u>If needed:</u> Install the insect net **[G]** by wrapping the three Velcro straps **[H]** at its top edge around the free section of the curved tube, between the canopy's Velcro fasteners.

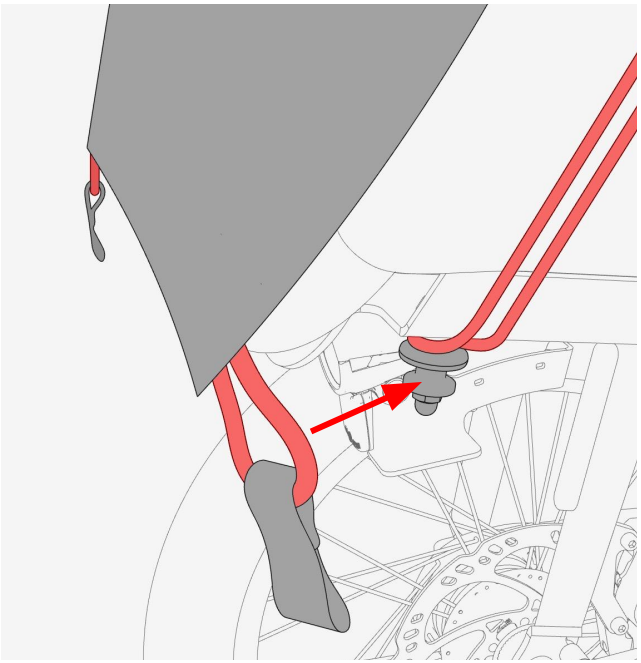
Ensure the correct orientation of the insect shield: the loop Velcro strips **[I]** along the sides must face forward.

Now fold the front door forward and, using some pressure, pull the finishing flap **[J]** at the front edge of the roof over the curved tube so that the zipper is completely covered.



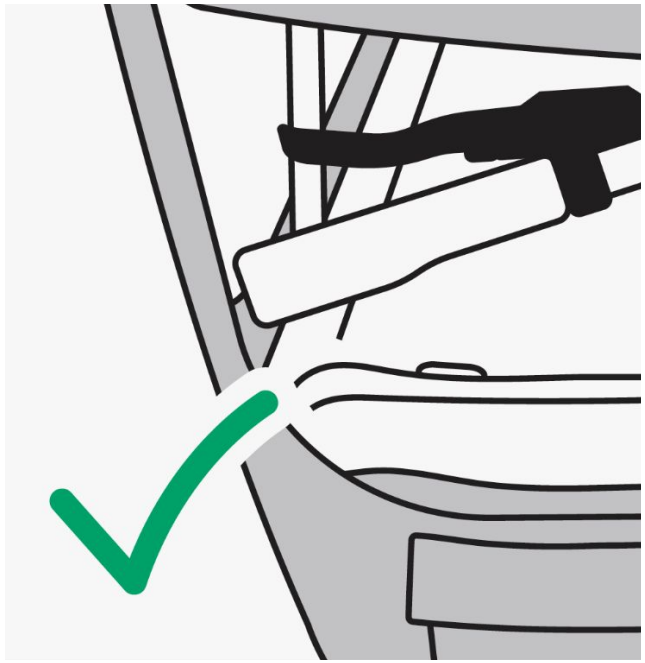


ROLL UP CANOPY – Assembly



When fastening the front elastic loops of the canopy under the carrier floor, use the upper tarpaulin hook.
The lower hook is intended for securing the straps of the front door or the insect shield.

**The Roll Up Canopy provides space for some of the baby seat models compatible with the Baby Seat Adapter (page 42), but currently only when the front door is rolled up or folded back.
In some cases, the carry handle of the seat may also need to be folded down to insert the seat.**



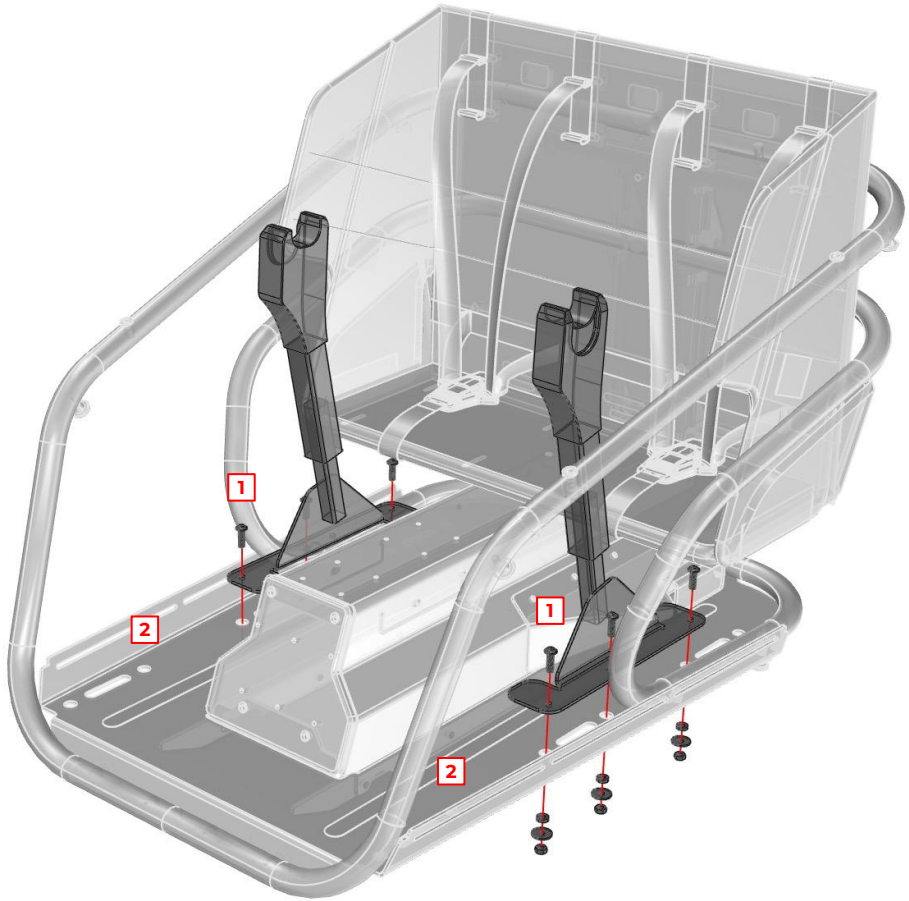
Ensure correct installation of the Roll Up Canopy. Riding with the rear panel closed is not permitted: When turning the handlebars, contact between the brake levers and the rear panel may lead to unintended blocking of the wheels and loss of control.

When stationary or pushing your YOONIT, do not hold it by the canopy - always hold the bike itself. The canopy could detach from its mount on the carrier, causing the YOONIT to tip over.



BABY SEAT ADAPTER

The Baby Seat Adapter allows you to transport your baby in the Family Up. It is compatible with a wide range of common baby seats, which can be easily and securely mounted onto the adapter connectors. A built-in suspension system compensates for uneven surfaces during the ride, ensuring your child is transported comfortably.



Components
1x 2-piece adapter
6x M6 allen screw
6x Plastic washer
6x Washer
6x M6 locknut

Step 1 Assembly of the individual elements
Position the two elements to the left and right of the center tunnel inside the carrier so that the square profiles point vertically upward and the lower mounting plates face outward.
[1] The frontmost round hole in each mounting plate must align with the third round hole (counting from the front) in the outer rows of holes running along the carrier floor.
Insert the supplied M6 bolts from above through the six open mounting points of the adapter and the carrier floor. From underneath, add one plastic spacer, one large washer, and one locknut to each bolt and tighten securely with a torque of 7 Nm. The plastic spacer fits into the 12 mm hole in the floor plate and ensures precise positioning of the two elements.
Always use all six mounting points and only the parts included in the scope of delivery.

Check the adapter before each ride to ensure all fasteners are secure and to look for any visible damage or looseness.

Do not use a high-pressure cleaner or aggressive cleaning agents to clean the adapter. Use only a cloth dampened with water.

Baby Seat Adapter – Assembly

Step 2 Installing the baby seat

Place the baby seat on the adapter in a rear-facing position by aligning the insertion sockets **[3]** beneath the carrying handle over the adapter connectors **[4]** and lowering it into place. Listen for the clicking sound that confirms the seat is securely locked in position. To remove the seat, release its spring latch and lift it upward off the adapter connectors.

Only the infant car seat models listed as compatible at the following link are permitted for use: https://statamic.steco.nl/assets/files/baby-en-mini-mee-toepassingen-2024.pdf

The maximum allowable weight of the child to be transported is 13 kg.

We recommend a maximum speed of 15 km/h when riding with a baby and an adapted riding style. Ride with foresight, avoid sudden maneuvers, and pay attention to surrounding traffic and road conditions to prevent hard impacts.

It is mandatory to install the baby seat on the adapter in a rear-facing position. Forward-facing installation is not permitted. The forces acting on the child during acceleration and braking could otherwise result in fatal injuries.

The clicking sound when placing the baby seat onto the adapter serves as confirmation that it has locked into place. Always carefully check that the seat is securely attached to the adapter before each ride by pulling it upward. Failure to ensure proper locking may result in fatal injuries.



It is mandatory to use the restraint system of your baby seat by securing your baby with the harness and closing the buckle. Failure to do so may result in your child falling out of the seat and suffering fatal injuries.

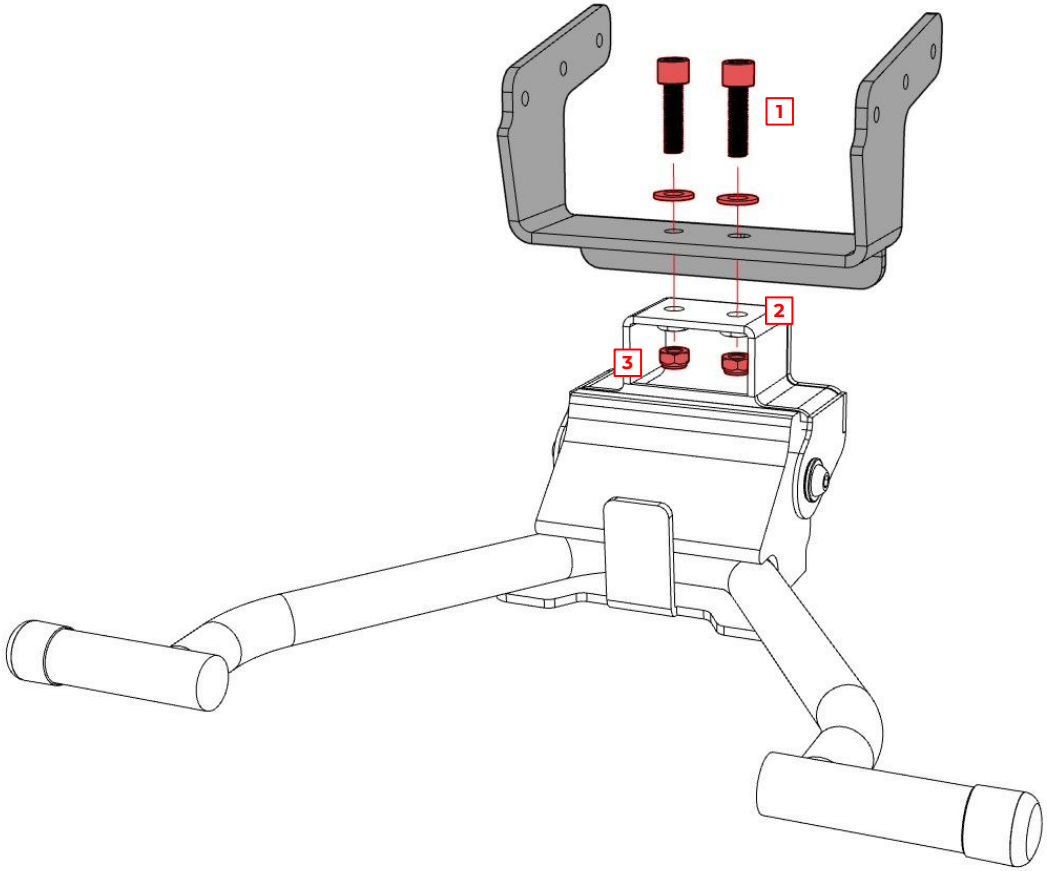
For the selected baby seat, the distance from the center of the insertion socket [3] to the foot end [5] should not exceed 33 cm. Otherwise, contact between the seat and the Family Up bench cushion may impair the damping performance of the adapter's suspension.

Carry out a thorough inspection for corrosion, cracks, material fatigue, and loose connections at least every two weeks.

The Roll Up Canopy (page 37) provides space for some of the baby seat models compatible with the Baby Seat Adapter, but currently only with the front door rolled up or folded back. In some cases, the seat's carry handle may also need to be folded down to insert the seat.

FAMILY UP KICKSTAND

The Family Up can optionally be fitted with a double-leg kickstand to facilitate starting and parking your YOONIT.
A light forward push causes the kickstand to retract automatically. For parking, push it down with your foot and gently pull the bike backward.



Components
1x URSUS Sumo kickstand
1x Adapter plate
2x M8x30 Socket head screw **[1]**
2x M8 Washer
2x M8 Lock nut **[3]**
6x M6x20 Flat-head screw
6x M6 Washer
6x M6 Lock nut
1x M10 Washer
1x M10 Lock nut

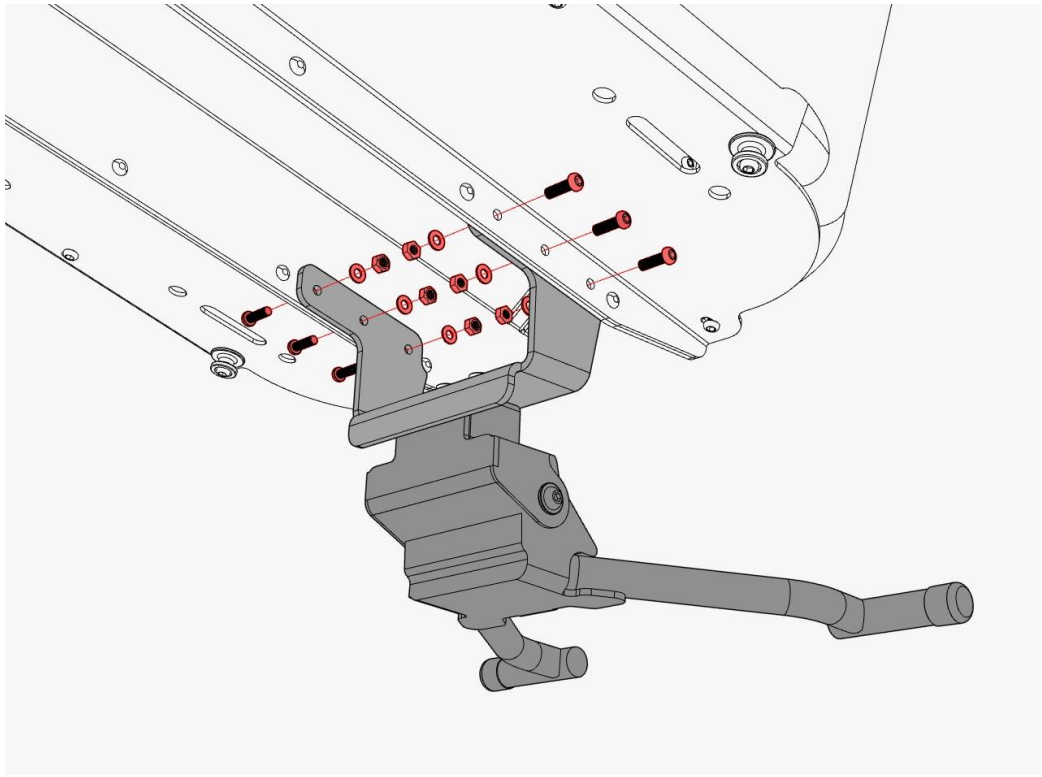
To fasten the Family Up kickstand to the Family UP Carrier, the carrier must already be securely mounted on your YOONIT (see page 32).

Step 1 Fastening the kickstand to the adapter plate
Attach the double-leg kickstand to the adapter plate as shown. Insert the supplied M8 screws **[1]** through the washers and the holes in the adapter plate and tighten them into the threaded inserts **[2]** of the kickstand.

Secure the protruding M8 threads with the M8 lock nuts **[3]** to ensure a secure, non-loosening connection.

Installation of the Family-Up kickstand is only possible on Family Up Carriers produced from April 2026 onwards.
For retrofitting an existing Family Up Carrier, a drilling template is available upon request. Please contact us at service@yoonitbikes.com.
The work must only be carried out by qualified personnel. Improperly performed modifications may cause property damage or personal injury. YOONIT and UUIO GmbH assume no liability for retrofits that are carried out incorrectly or not in a professional manner.

Family Up Kickstand – Montage

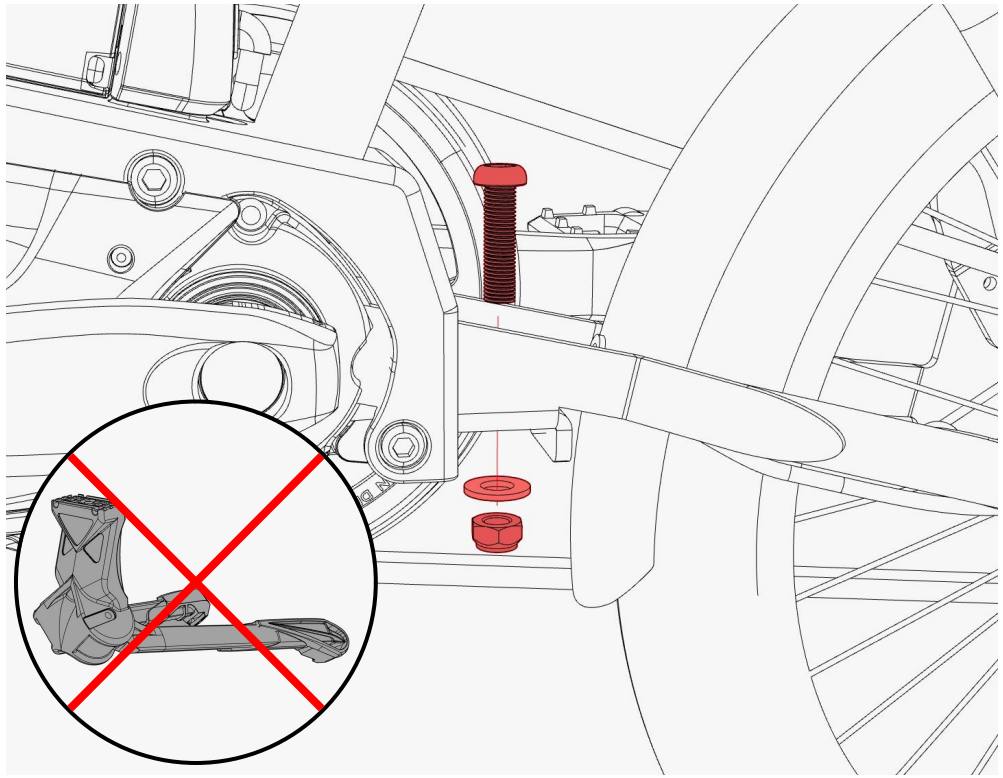


Step 2 Installing the kickstand

This installation is based on the Family Up Carrier already securely mounted on your YOONIT (see page 31). Position the kickstand and adapter plate assembly at the bottom of the carrier as shown and secure it on both sides using the M6 flat-head screws, washers, and M6 lock nuts.

Always ensure a stable and secure position of your YOONIT when installing or removing the Family Up kickstand. For the initial installation, it is recommended to keep the standard rear stand in place during the conversion process.

Before removing the Family Up Carrier from your YOONIT, always detach the adapter plate/ Family Up kickstand assembly first, as it otherwise prevents the carrier from being taken off



Step 3 Removing the rear kickstand

Loosen the M10 screw of the rear stand and remove the stand. Then refasten the screw as shown using the M10 washer and the M10 lock nut.

The Family Up kickstand must not be used together with the standard rear stand.

Daily Basket

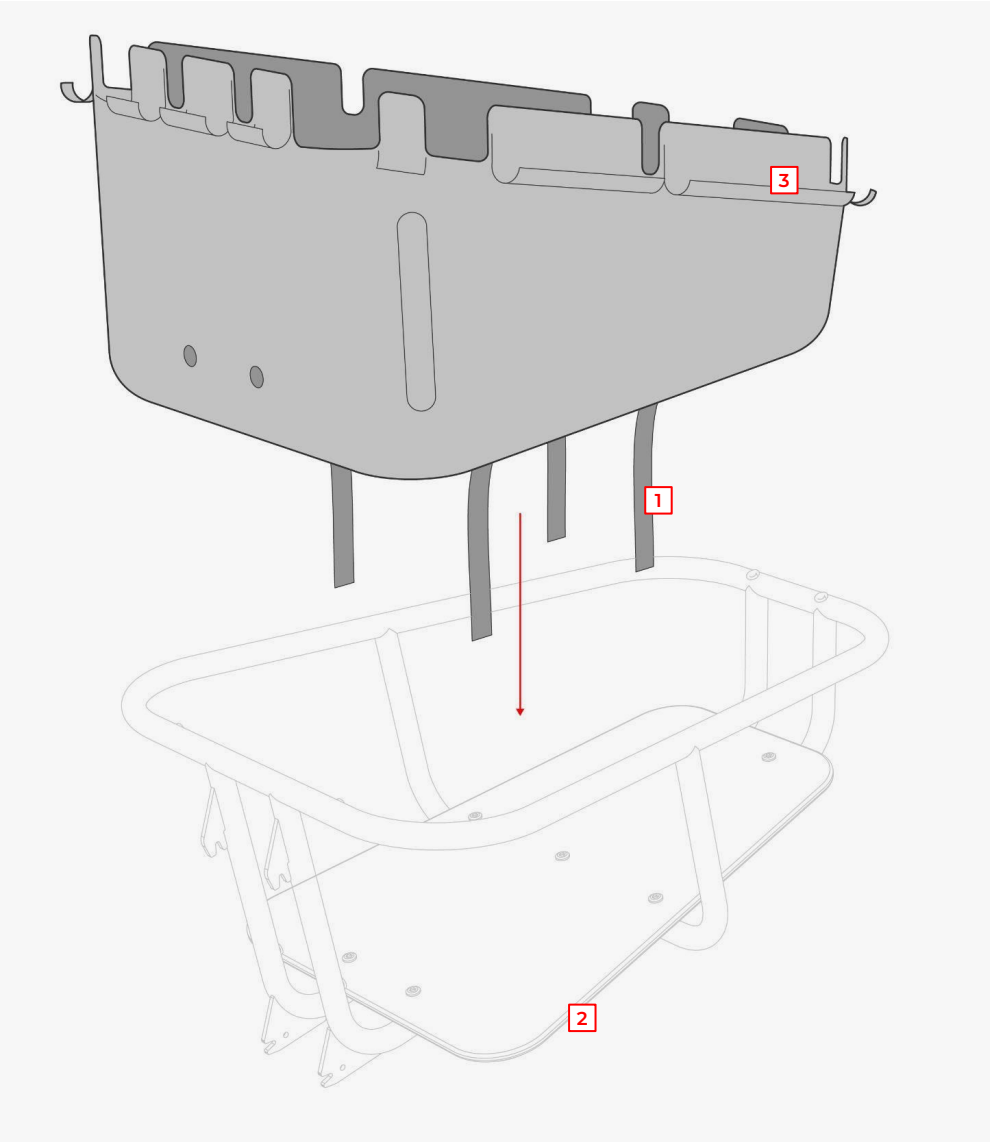
The Daily Basket supports you in a wide variety of everyday situations. It offers the largest transport volume, whether for shopping, transporting your children or your dog.

Components
1x Aluminum frame **[1]**
1x Textile-Inlay **[2]**
1x Base plate **[3]**



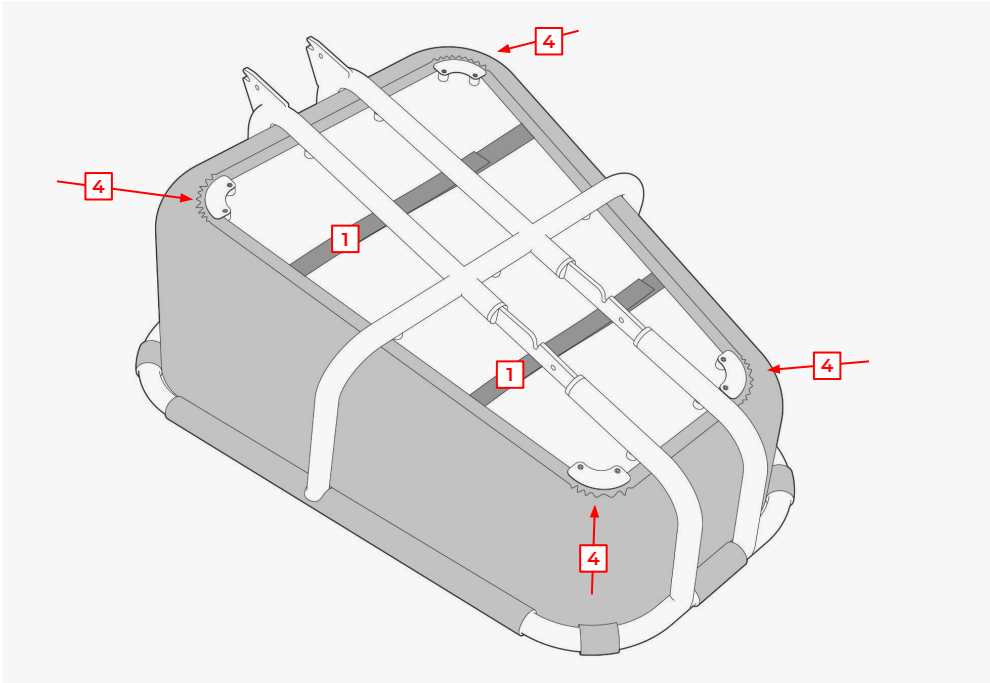
For the safe transport of up to two children we offer an optional child seat. You can find more information under the chapter Daily Basket CHILD SEAT.

Assembly



Step 1 Inserting the inlay

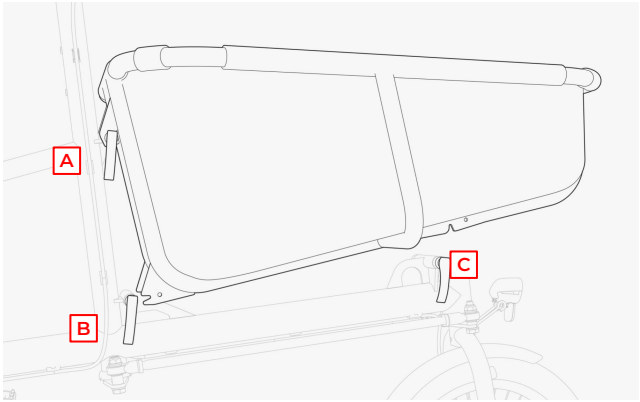
First unfold the inlay and open the long Velcro straps **[1]**. Insert the inlay into the carrier frame from above, paying attention to its orientation. Pull the lower hem with the inside elastic band all the way around under the bottom panel **[2]**.
Close all Velcro straps **[3]** on the upper edge of the inlay around the tube surrounding the carrier.



Step 2 Fixing the underside

Turn the carrier over and ensure that the seam of the inlay goes through the four cable guides **[4]** in the corners on the underside of the base panel.
Finally, close the transverse Velcro stripes **[1]**.

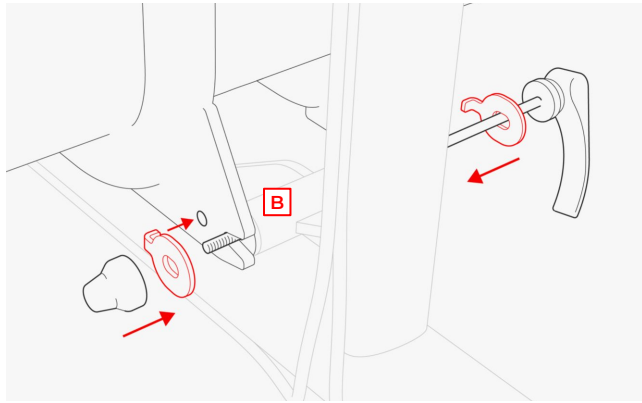
Mounting



Step 3 Aligning the carrier
The Daily Basket is connected to the Adapt system at three points. To attach the carrier, loosen the three quick releases so that they can take up the carrier dropouts.

Hold the Daily Basket slightly tilted backwards and start by carefully hooking it into place at the attachment point **[A]**. When the pair of dropouts lies on the quick release axle, you can slowly lower the carrier forward.

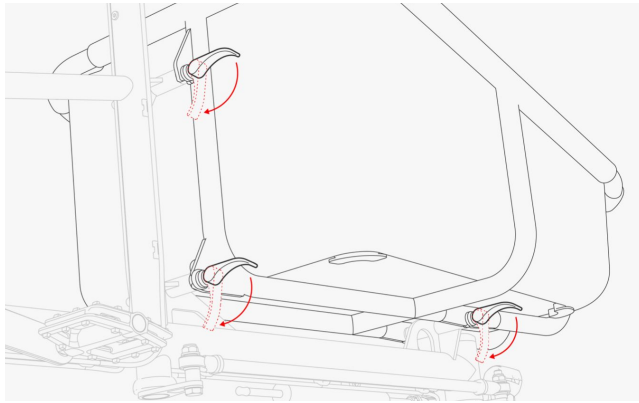
Now make sure that the two remaining pairs of dropouts come to rest on the quick release axles of the mounting points on the down tube **[B]** and **[C]**.



Step 4 Inserting the retaining washers
Loosen and remove the quick release at the mounting point **[B]**. Then place the two retaining washers by pushing the hooks of the washers into the holes on the dropouts.

Now you can reattach the quick release. Guide it through the retaining washers, the dropouts and the receiving tube.

When assembling your carrier, take your time and proceed carefully. If you are unsure about the assembly, let your service partner support you. It is important that the carrier is firmly connected to the Adapt system.



Step 5 Tightening the levers
Check that all three pairs of dropouts lie on the axles of the quick releases. Now screw the quick releases tight and tighten the levers.

Make sure that the required clamping takes place at all three mounting points. The dropouts must sit firmly and without a gap between the mounting tube and the quick release.

Before every ride, make sure that all pairs of dropouts are hooked onto the quick release axles and that the quick releases are tight. This is the only way to ensure that the carrier cannot come loose during the journey.

Taking along pets
Pets can be taken along in the Daily Basket if they are properly secured. Make sure that your pet cannot fall or jump out of the carrier while driving.

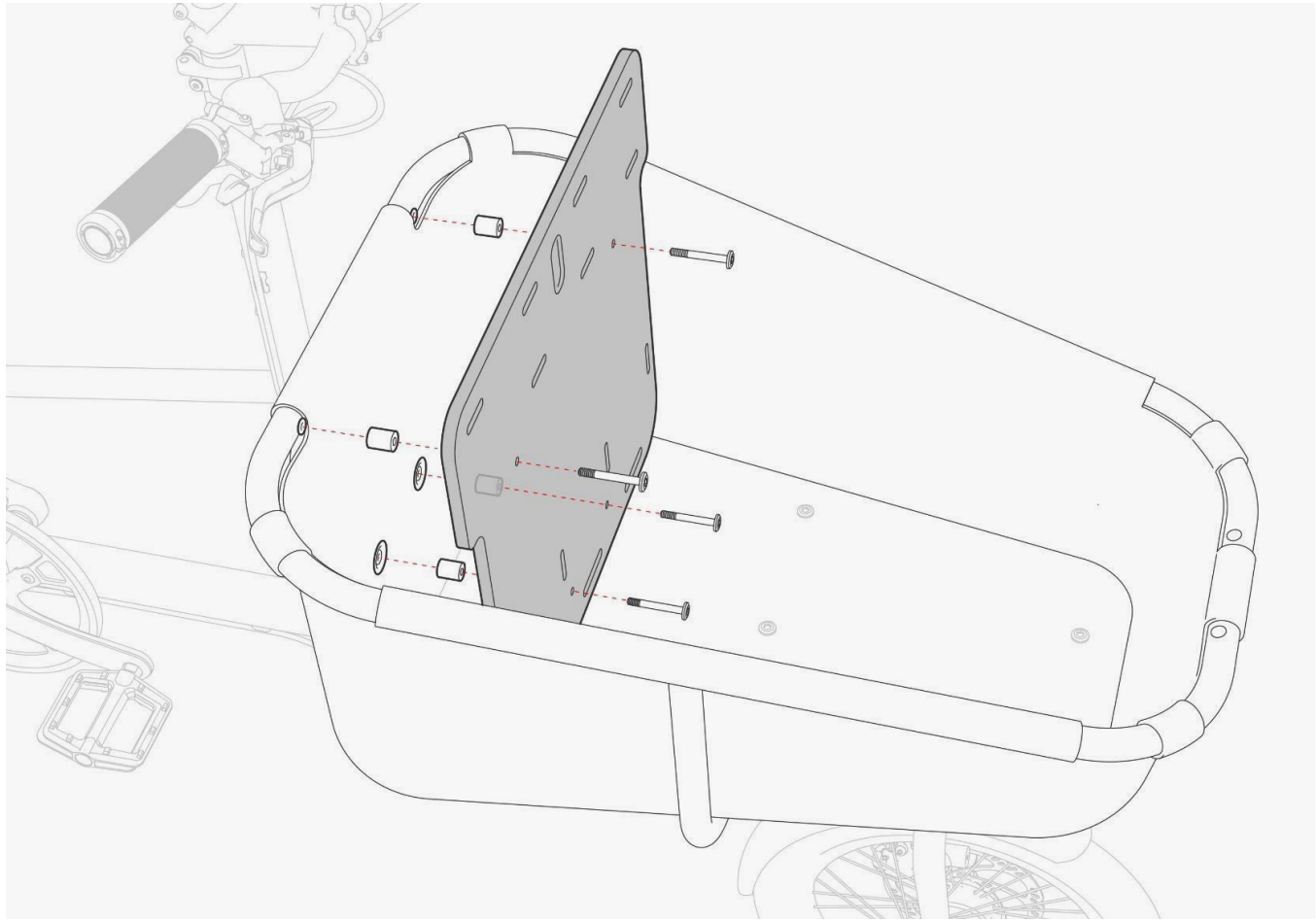
DOG SEAT

The YOONIT Dog Seat is a padded inlay for the Daily Basket, made of durable CORDURA® fabric and equipped with a belt and carabiner to secure your pet. It allows your dog to ride along comfortably, but can also be used as a dog basket on the go or in your office.

The Dog Seat is designed for small to medium-sized dogs. For reinforcement, it has an internal frame made of GRP struts.

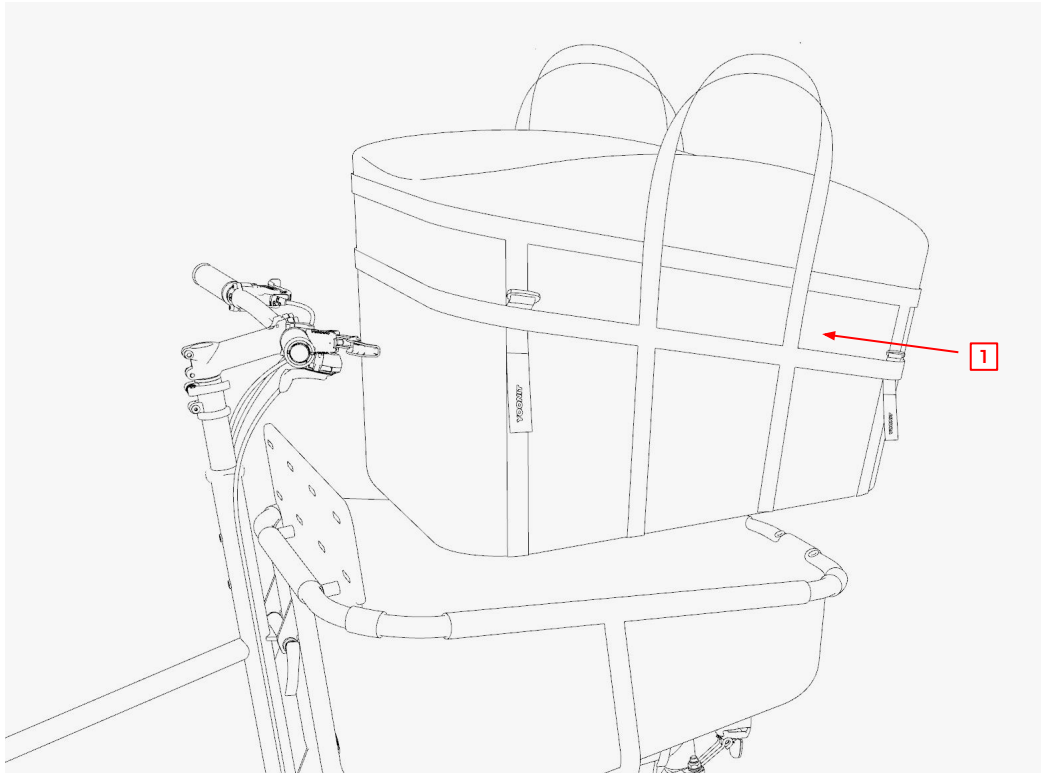
Components
1x Inlay, 2 parts
4x Ring-Straps
1x Dog Belt
1x Backrest
4x M6 Allen screw
4x Spacer

Tools required
Allen key size 5

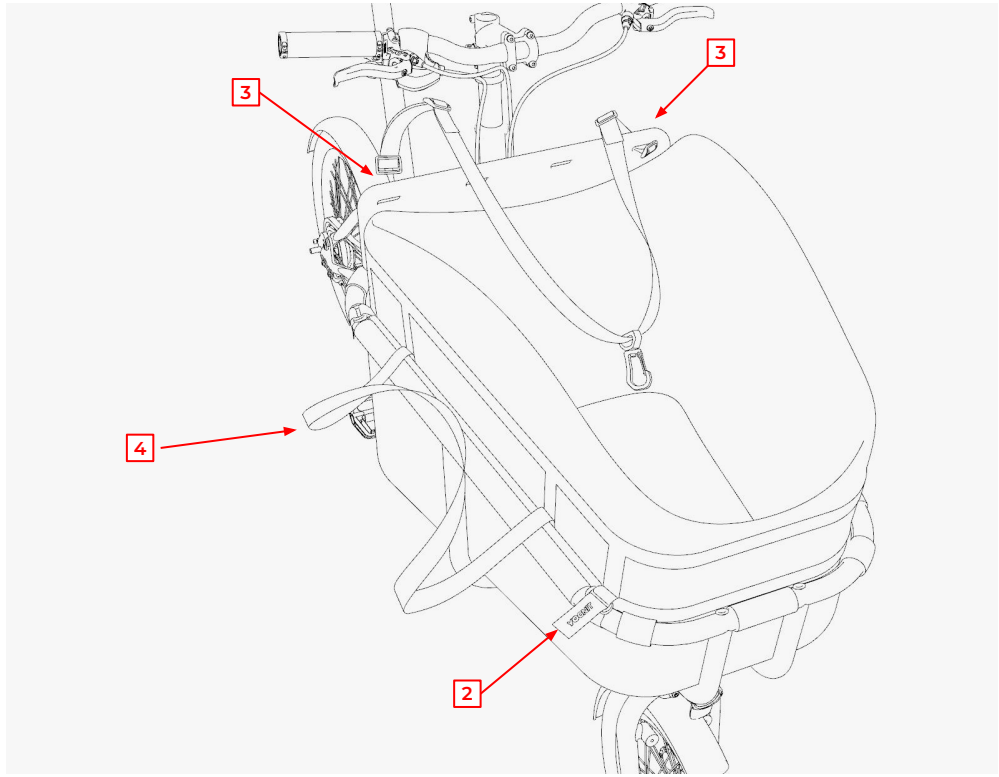


Step 1 Backrest assembly
The Dog Seat requires the fully assembled Daily Basket as a basis (see page 46). Place the backrest on the four mounting points in the Daily Basket with the textured side facing forward. First screw in all four screws evenly by hand, starting with the bottom two by guiding them through the backrest and one spacer each. Make sure that the spacers run neatly through the two eyelets in the fabric inlay not pinching them. Use a size 5 Allen key to finally tighten the screws.

Dog Seat – Assembly



Step 2 Inserting the Dog Seat
Place the Dog Seat in the Daily Basket after zipping the wall and floor pads together. Note the alignment – the sewn-on webbing should run parallel to the edge of the carrier **[1]**.



Step 3 Attachment
Fasten the Dog Seat in the corners to the surrounding tube of the carrier, guiding the four ring straps around the tube from below and through the eyelet **[2]**. Pull the Dog Belt through the recesses in the backrest as shown **[3]**. The carrying straps **[4]** can be pushed between the carrier and the dog seat.

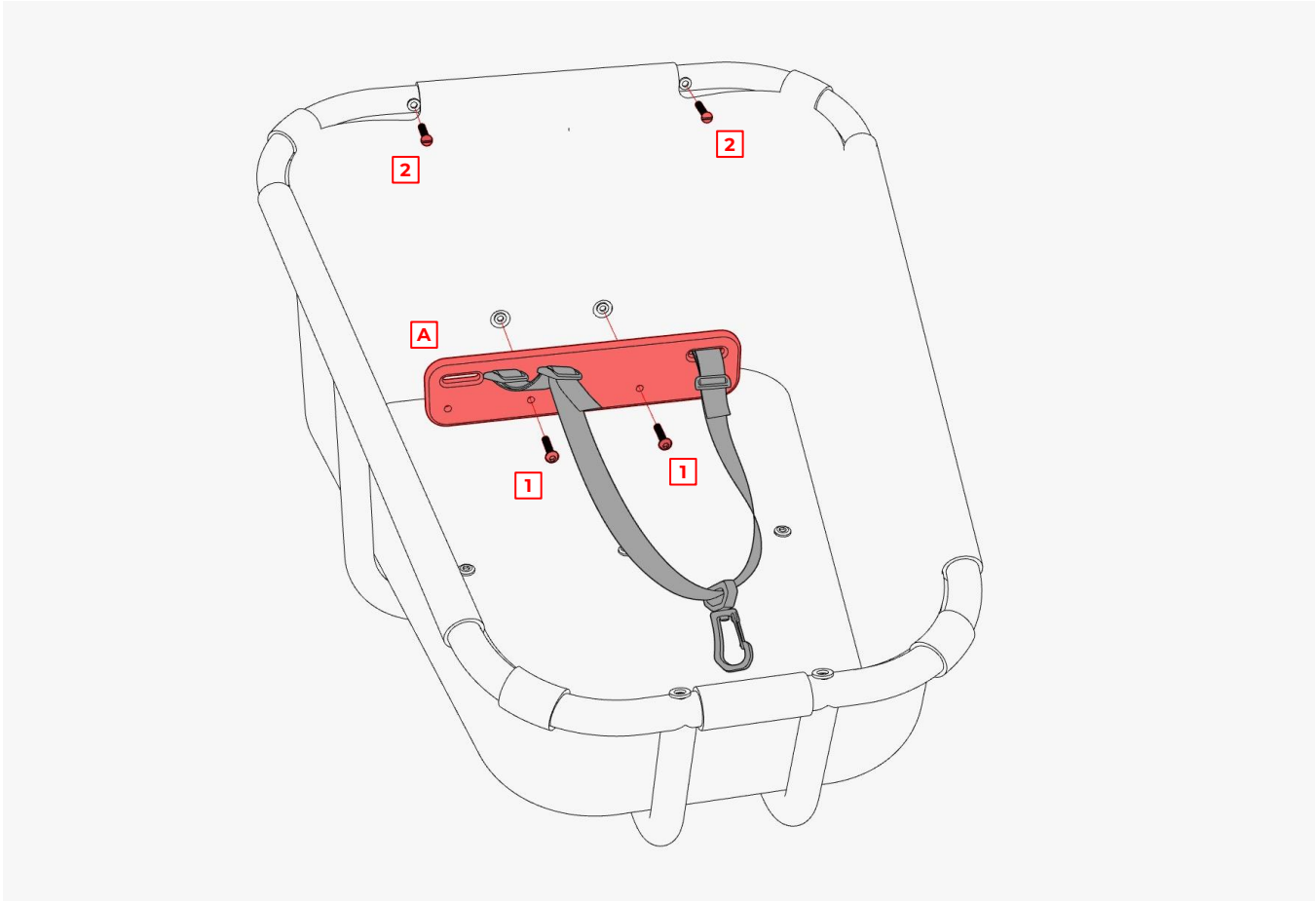
Leash your dog with the dog belt in the carrier so that he cannot jump out while driving. There is a risk of accident or injury.

The carrying straps [4] should be pushed between the dog carrier and the dog seat while driving to avoid accidents.

DOG PAD

The YOONIT Dog Pad is a padded cushion for the Daily Basket that can be securely fastened in place with hook-and-loop straps to prevent slipping.
It is made from durable CORDURA® fabric and features an integrated belt with a carabiner.
This allows your dog to ride along comfortably and safely.

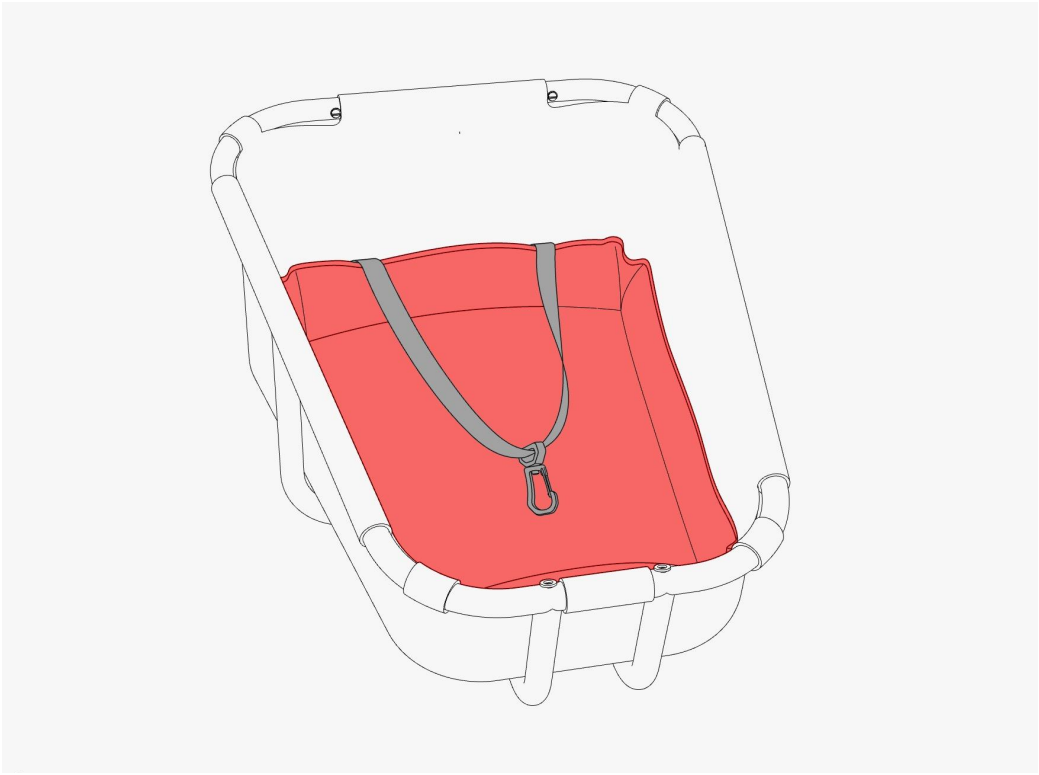
Components
1x Cushion
1x Dog Belt
1x Anchoring plate
2x M6x25 Flat-head screw **[1]**
2x M6x20 Slotted plastic screw **[2]**



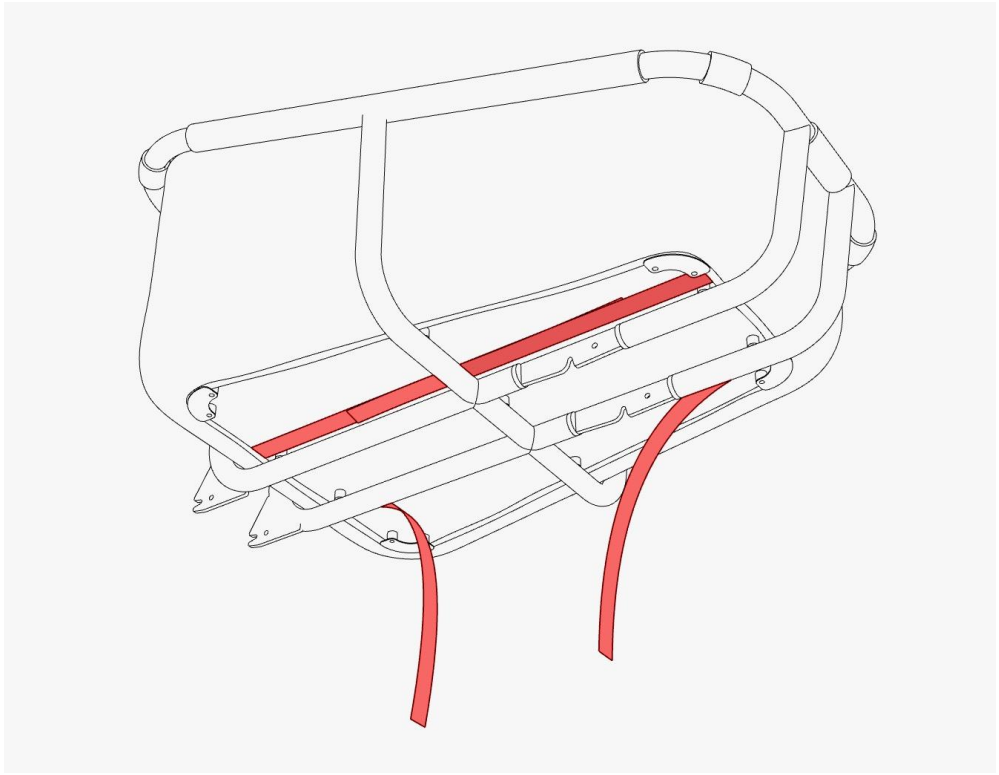
Step 1 Setting up the dog belt
The fully assembled Daily Basket serves as the base (see page 46). Fasten the mounting plate with the structured side facing forward to the two lower mounting points of the Daily Basket using the flat-head screws **[1].**
Close the upper mounting points with one plastic screw **[2]** each.
Hook the dog belt into the slots of the plate **[A]** using the designated ladder buckles as shown. Use the remaining buckles to adjust the length of the belt.

The mounting plate can also be fastened to the two upper mounting points.

Dog Pad – Assembly



Step 2 Inserting the Dog Pad
Place the Dog Pad into the Daily Basket with the narrower end facing forward. On its underside, it features four hook-and-loop straps. Guide these straps at the front and rear downward between the base plate and the inlay's elastic cord, so that they hang down on the outside next to the two support tubes of the Daily Basket.



Step 3 Fastening the hook-and-loop straps
Join the hook and loop straps underneath the base plate on the outside, running parallel to the support tubes.

Secure your dog with the dog belt inside the carrier to prevent it from jumping out while riding. Failure to do so may result in accidents or injury.

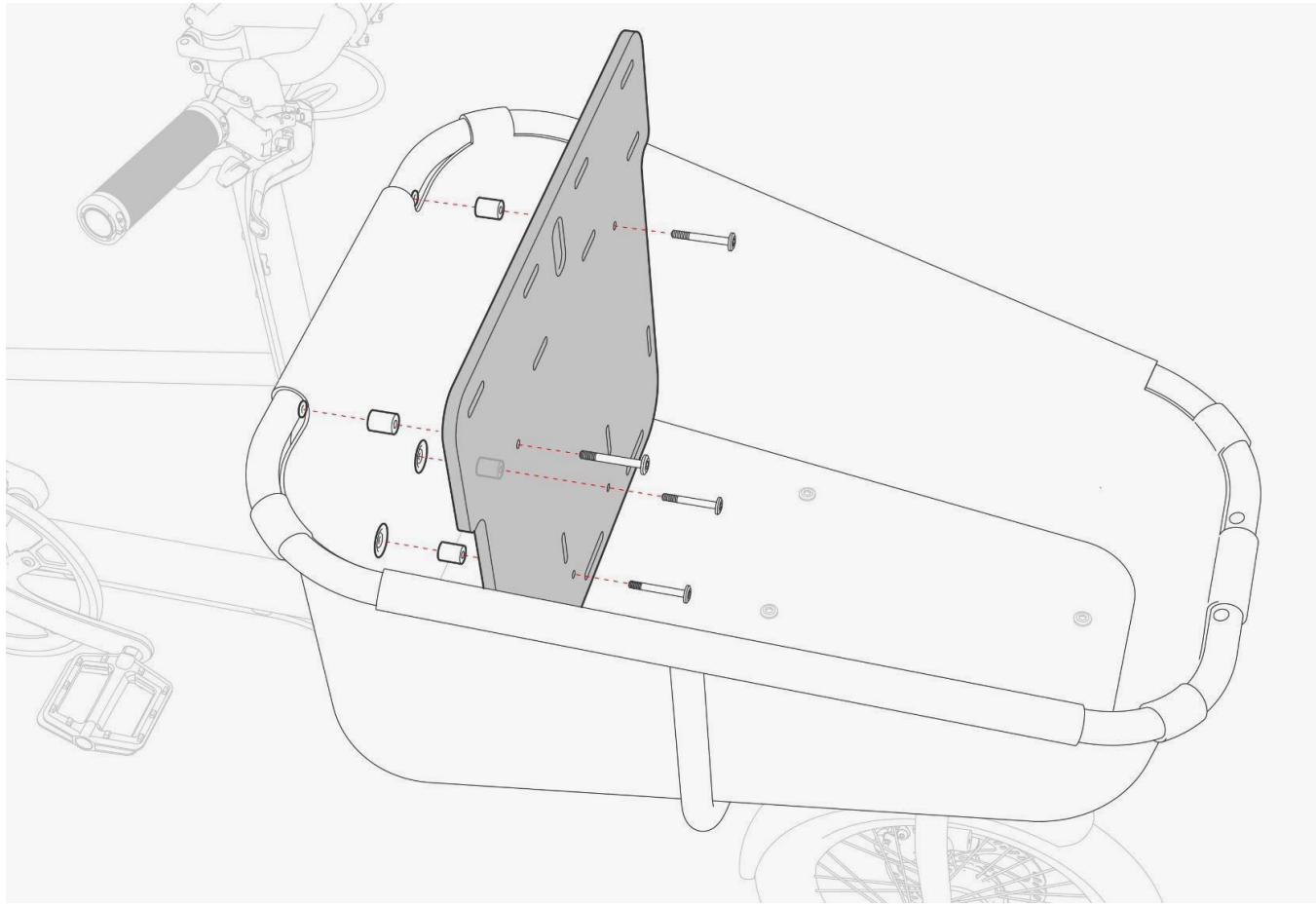
CHILD SEAT

In the Daily Basket you can transport your children with the optionally available Child Seat. The combination of a fixed backrest, back and seat padding as well as a 5-point belt system allows up to two children to be transported safely.

The child seat is designed for children who can sit independently and are a maximum of 120 cm tall including a helmet. In the Daily Basket children may only be transported with the YOONIT Child Seat.

Components
1x seat pad
2x five-point belts
1x backrest
4x M6 screws with hexagon socket
4x spacers

Required tools
Allen key

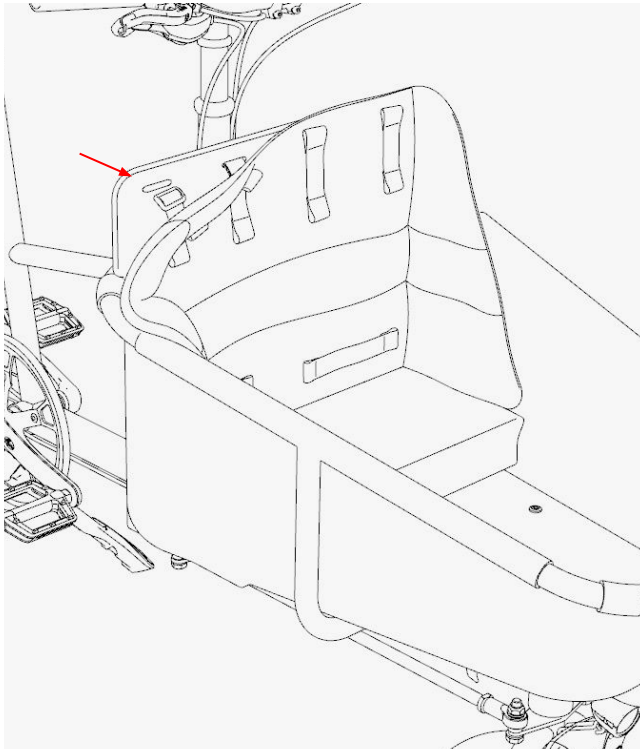


Step 1 Assembly of the backrest
Mount the backrest with the structured side facing forward at the four mounting points in the Daily Basket. First screw in all four screws evenly by hand, starting with the bottom two by inserting them through the backrest and one spacer each. Make sure that the spacers run cleanly through the two eyelets in the fabric inlay and that they do not pinch these. Use a size 5 Allen key to finally tighten the screws.

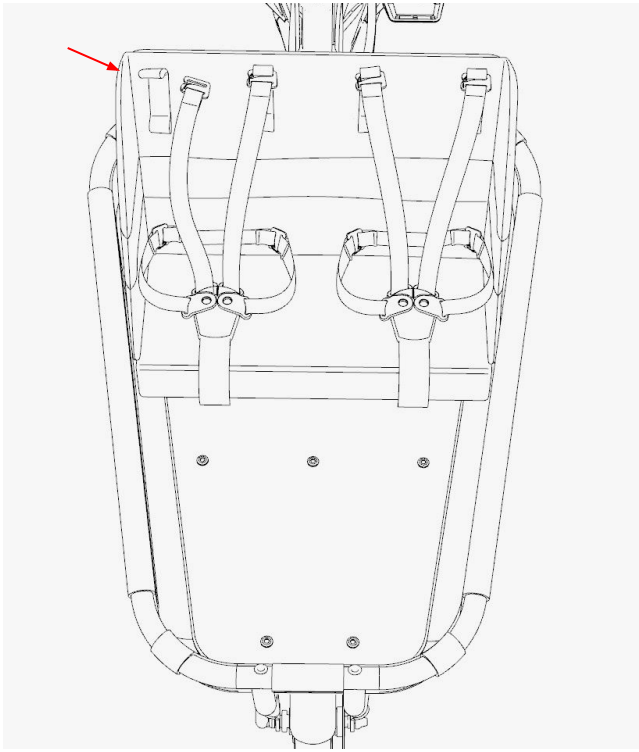
Before riding, make sure that the handlebars can be turned freely over the heads of the children. If the distance between the brake levers and the children's helmet is too small, there is a risk of accident or injury.

In the Daily Basket the transport of children is only permitted with the YOONIT Child Seat. Attaching child seats from other manufacturers is not permitted.

Child Seat – Assembly



Step 2 Installing the seat pad
Bring the seat cushion into position in front of the backrest. Use the buckles sewn on its back to secure it to it. Align the buckles flat and thread them through the corresponding openings in the backrest.



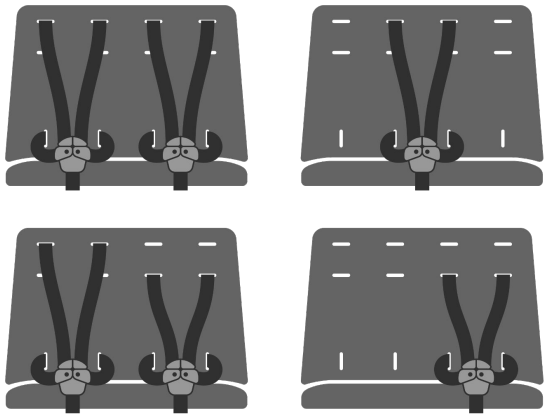
Attach the belt systems by hooking the G-hooks at the ends of shoulder and hip belts into the corresponding tabs on the front of the seat cushion. Attach the large buckles on the crotch straps directly at the bottom of the backrest by laying them flat and threading them through the appropriate openings.

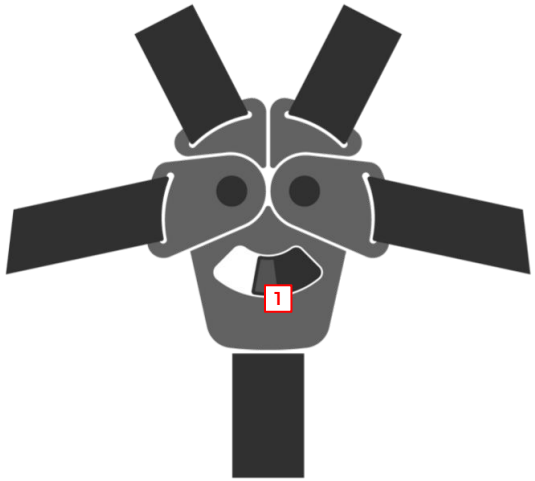
The buttocks pad of the seat pad consists of three padding layers on top of each other. They can be unfolded and used to pad the entire carrier floor, for example for transporting your pet, or as a seat pad away from the carrier.

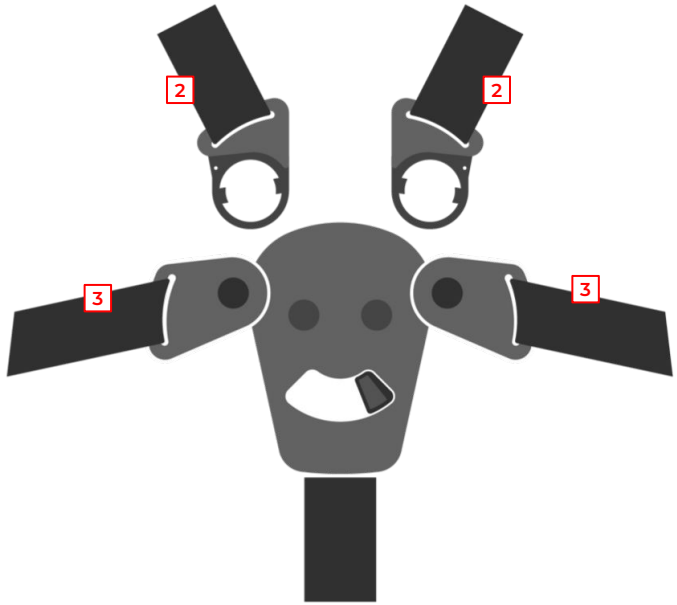
If necessary, the fabric inlay of the carrier can be pushed up to give free access to the lower part of the rear of the backrest. It has an elastic band on the lower hem and two detachable Velcro straps under the base plate.

Child Seat – 5-point belts

Positioning the belts
You can take up to two children with you in the Child Seat and buckle them up safely. For the transport of a single child, it is possible to place a belt unit in the middle of the backrest. This ensures a balanced weight distribution, which in turn benefits driving safety and driving behavior.







Application of the belt buckles
The 5-point belt system is held together by the belt buckle / snap buckle, which is equipped with an sliding mechanism to be opened and closed.

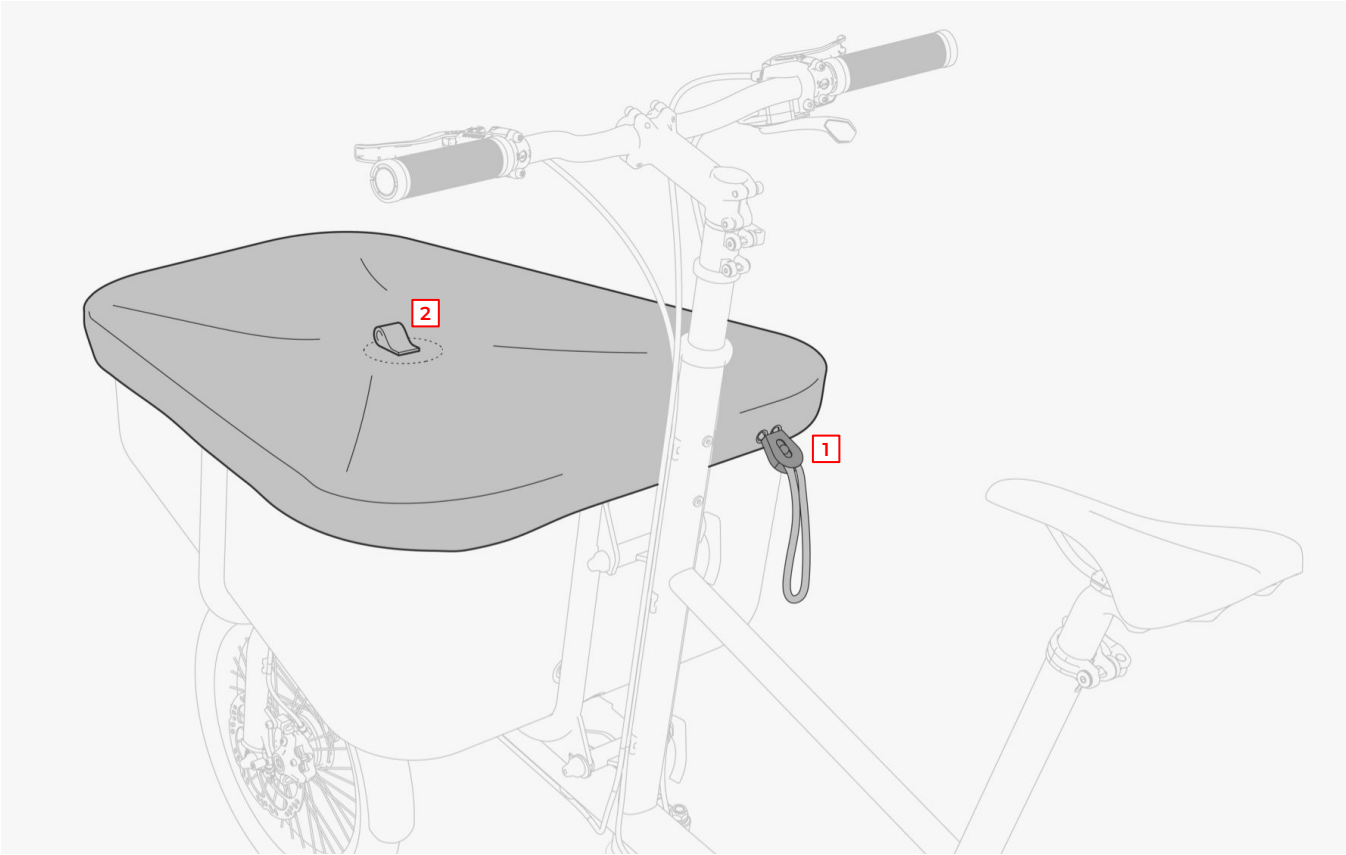
The shoulder **[2]** and waist belt **[3]** can be opened together or separately.

Open the buckle **[1]** by pushing the sliding bolt to the side.

COVER

The Cover protects your load in the Daily Basket from rain and weather. It surrounds the carrier securely with a circumferential elastic band, both with and without the YOONIT Child Seat.

Simply put the cover over the Daily Basket so that the cord stopper **[1]** is on the right rear of the carrier. With this you can readjust the tension of the elastic if necessary.



If rainwater collects on the cover, you can easily remove it by pulling on the strap [2] in the middle.



CANOPY

With the Canopy, your passengers in the Daily Basket are protected from rain. Its aerodynamic shape offers minimal wind resistance while providing generous headroom, even for bicycle helmets.

The rain cover features two side access openings and a rear panel that can be rolled up for riding or completely removed.
It is mounted by inserting a fiberglass rod framework into the front of the carrier frame and tensioning it towards the rear.

Components
1x Canopy
1x Rear panel, removable

Riding with the rear panel closed is not permitted. At the latest when steering, contact between the brake levers and the rear panel can cause the wheels to lock, resulting in a loss of control. The rear panel is intended solely as protection against rain when the bicycle is parked outdoors and not in use.

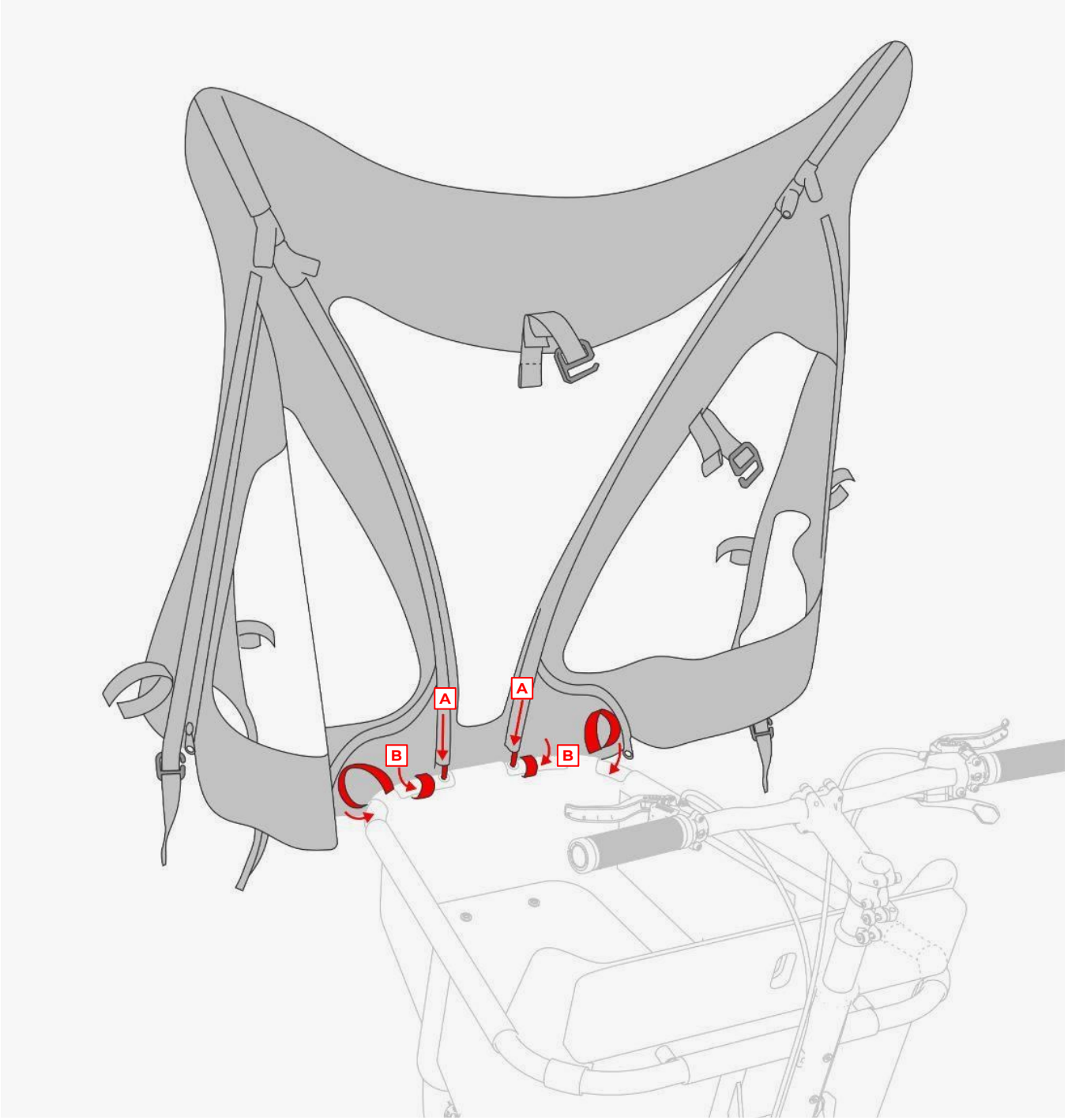
The rear panel can be rolled up and secured at the top using a flat hook and loop. It can also be completely removed. For this purpose, the hem through which the roof rod runs can be opened and closed using a Velcro fastener.

Canopy – Assembly

Step 1 Attaching

The ends of the two main rods **[A]** are reinforced with stainless steel sleeves. Insert these two ends into the corresponding receptacles on the front of the carrier as far as they will go.

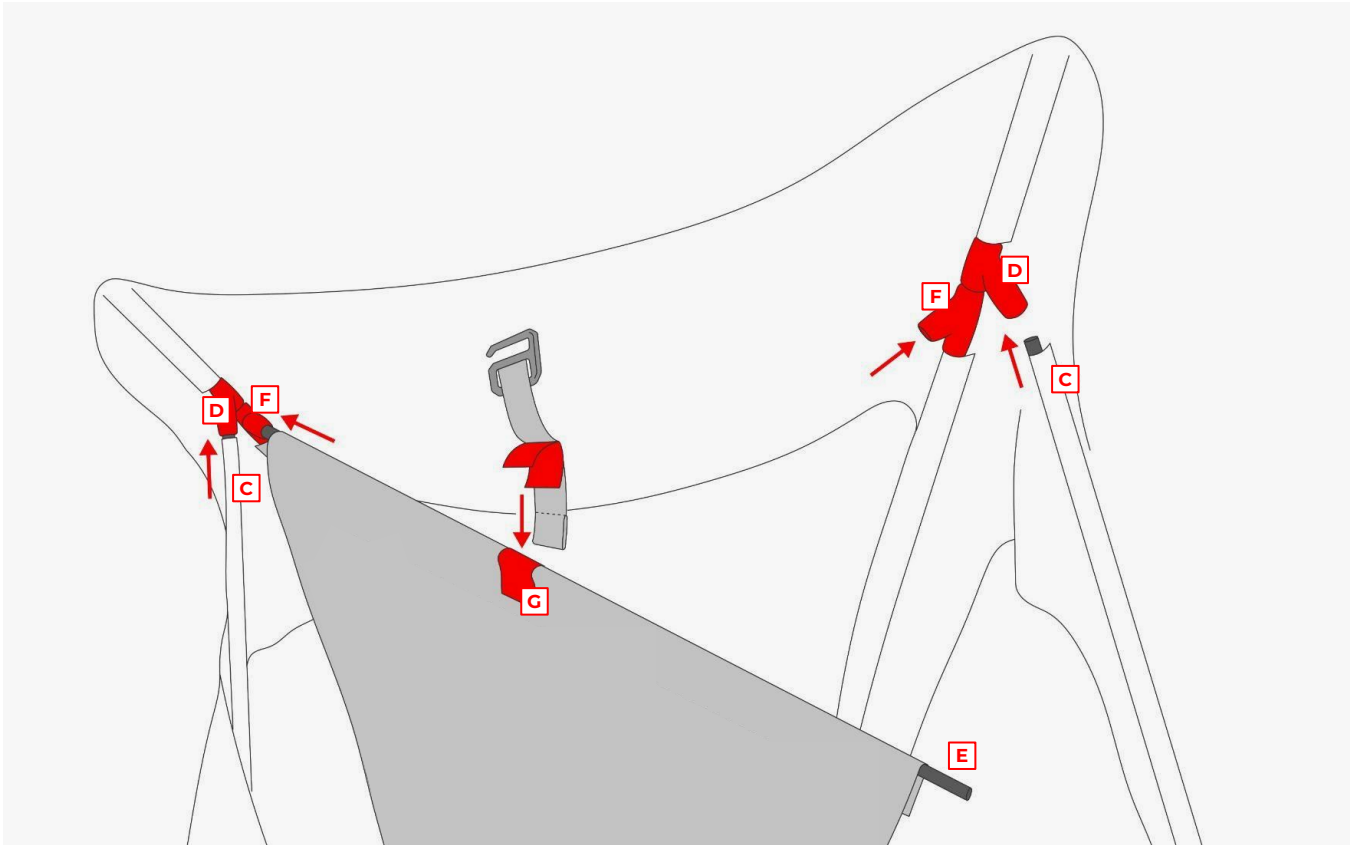
Close the four front Velcro straps **[B]** tightly around the surrounding Daily Basket tube.



Canopy – Assembly

Step 2 Bracing the canopy
Push the side rods **[C]** into the rear rubber side connectors **[D]**. Insert the roof rod **[E]** on one side into the free rubber side connector **[F]**, then with a little force into the one on the opposite side. This will stretch the roof tight.

Finally, connect the Velcro strips **[G]** from roof and back panel.



The rods must always be fully inserted into the rubber side connectors up to the stop.

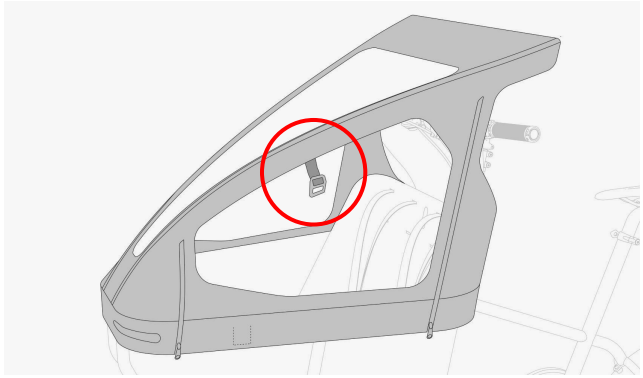
The rods of the rain cover are made of fiberglass. They have a smooth surface, are enclosed within the fabric, and are fitted with protective caps at the ends. The roof rod is additionally sealed with a clear coating.

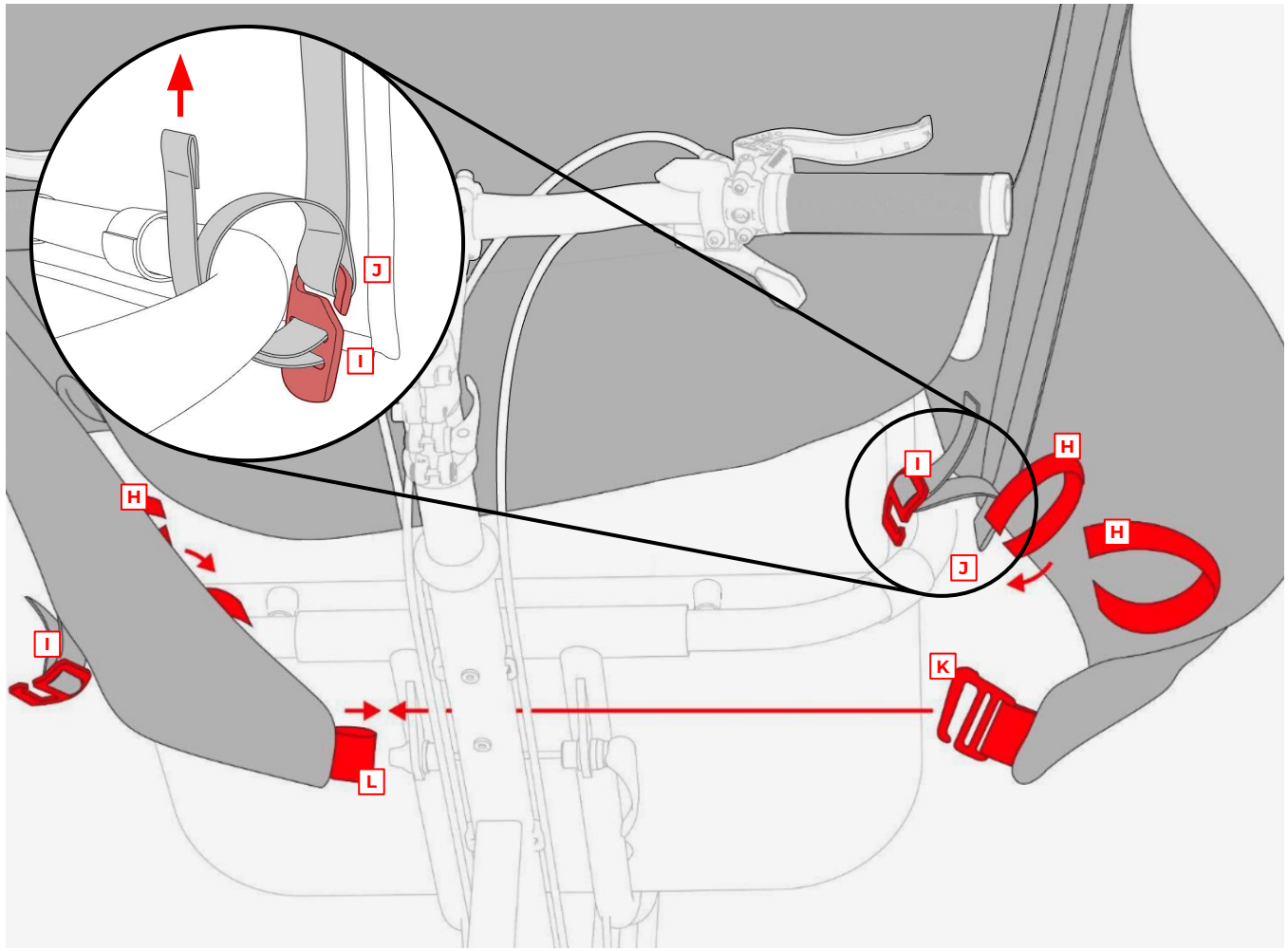
When handling fiberglass rods, care must be taken. There is a risk of splinters entering the skin, particularly at the ends. When tensioning the canopy, make sure not to grip the rods at their ends.

Canopy – Assembly

Step 3 Fastening

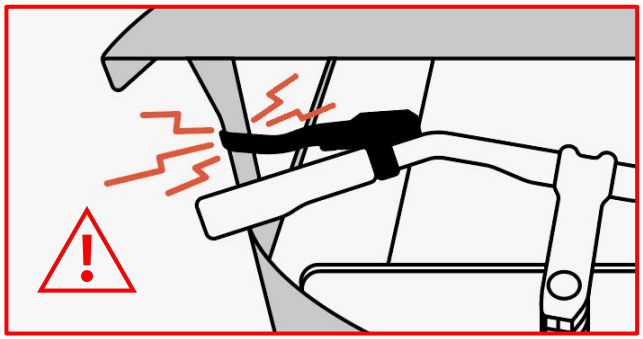
Close the four rear hook-and-loop straps **[H]** tightly around the Daily Basket tube and insert the rear hook **[K]** into the opposite loop **[L]**.
Open the side windows to gain access to the side flat hooks **[I]**. Hook these around the tube into the corresponding tab **[J]** and pull the strap end upwards to tighten. This secures the canopy against downward movement.





The access openings can be rolled up and secured in this position using a flat hook and loop.

Warning: Incorrect installation of the canopy, or failure to follow all previously described steps, may result in an improper or asymmetrical fit.
When steering, this can lead to unintended contact between the brake levers and the side edges of the canopy.
Unexpected wheel lock-up may occur, resulting in a complete loss of control. This can lead to fatal injuries.
If necessary, the brake levers must be repositioned further inwards accordingly.



BASE CARRIER

Boxes or crates can be mounted horizontally on the Base Carrier. Recesses on the loading area allow the use of belts, airline rails, locking bolts or different screw connections.

Components
1x base base plate
1x base back plate
2x base side plates
2x base spacer plate
16x washer M6
16x Locknut M6
16x Torx screw M6 x 16

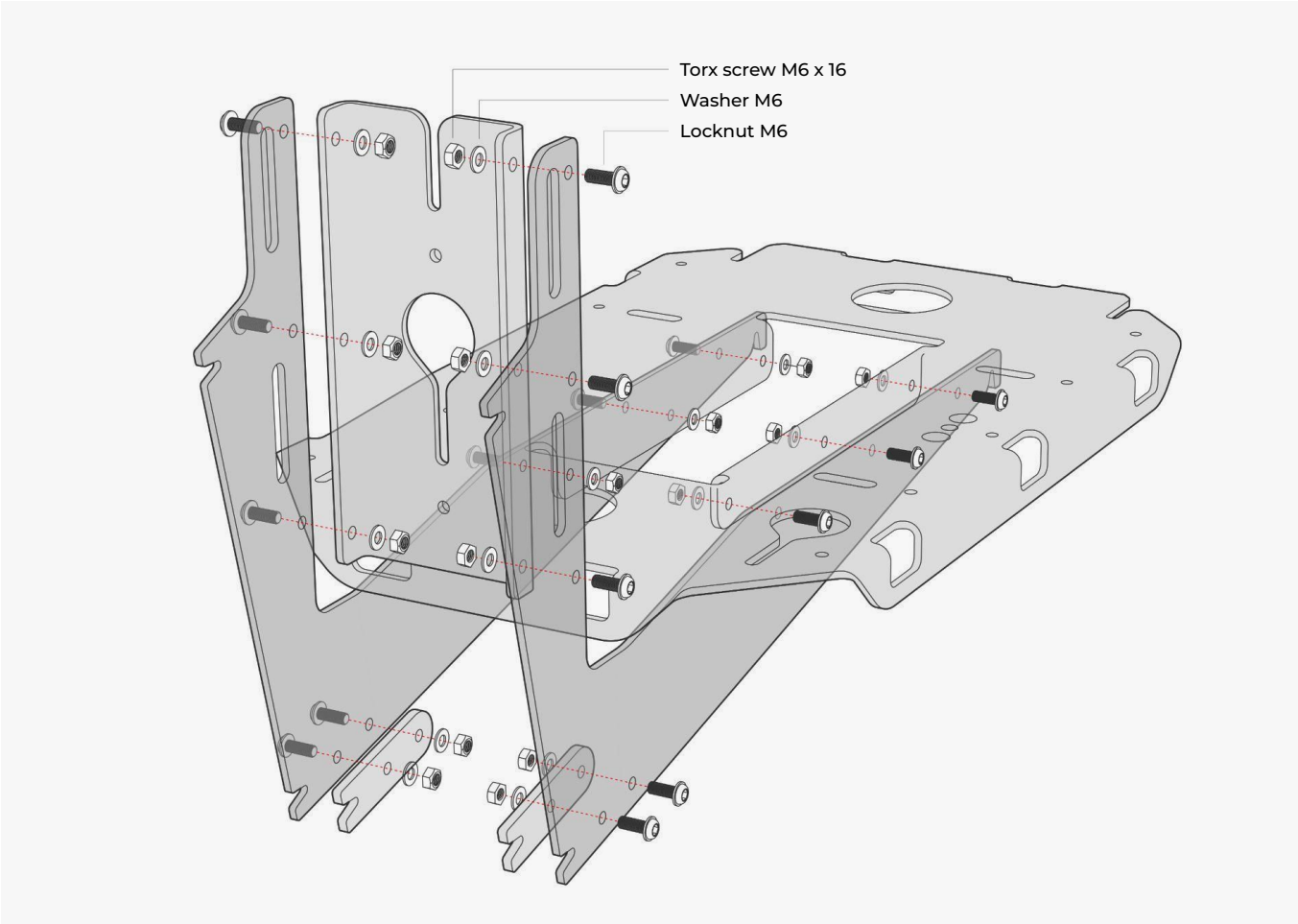
Required tools
Allen key
Grease



Use
When using the base carrier for transport, be careful when installing the attachment of your choice and carefully secure your load.

Insufficiently secured loads can result in accidents involving personal injury and property damage. Pay attention to your safety and that of your fellow human beings.

Base Carrier – Assembling

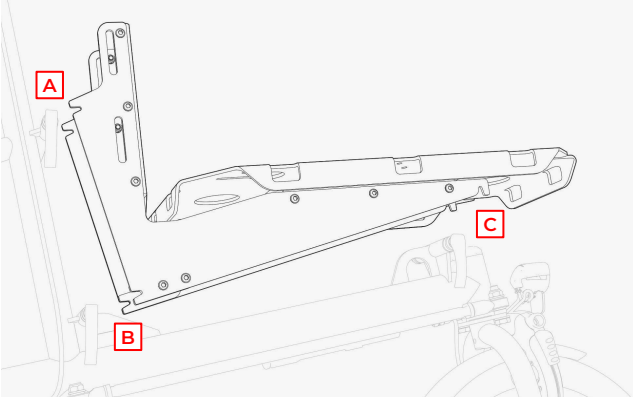


Step 1 Assembly of the individual parts

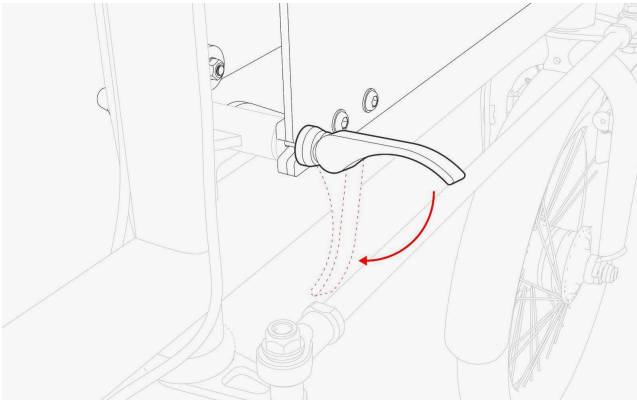
Assemble the carrier by screwing the aluminum sheets and profiles together using the small parts as shown in the illustration.

Use grease for the screws to prevent them from seizing or breaking off when screwing them in.

Base Carrier – Assembling



Step 2 Putting on the carrier
Place the dropout pairs on the quick release axles **[A, B, C]** .



Step 3 Tightening the levers
Now screw the quick releases tight and tighten the levers. Make sure that the required clamping takes place at all three mounting points. The dropouts must sit firmly and without a gap between the mounting tube and the quick release.

When assembling your carrier, take your time and proceed carefully. If you are unsure about the assembly, let your service partner support you. It is important that the carrier is firmly connected to the Adapt system.

Before every ride, make sure that all pairs of dropouts are hooked onto the quick release axles and that the quick releases are tight. This is the only way to ensure that the carrier cannot come loose during the journey.

EURO CARRIER

The YOONIT Euro Carrier offers a horizontal loading area of 80 x 60 cm, designed for Euro-sized boxes and other large-volume containers. Recesses in the loading area and in the surrounding strips allow the use of straps for attachment.

Components
1x Euro base plate
1x Euro rear plate
1x Euro side sheet right
1x Euro side sheet left
2x Euro Spacer sheet
2x Euro side rail
1x Euro front rail
4x Euro angle sheet

44x Stop nut SM/6
22x Countersunk screw M6x20
18x Flat headed screw M6x40
4x Flat headed screw M6x20
44x Washer M6
18x Spacer M6
2x Rubber bump stops
2x Anti-scratch strips



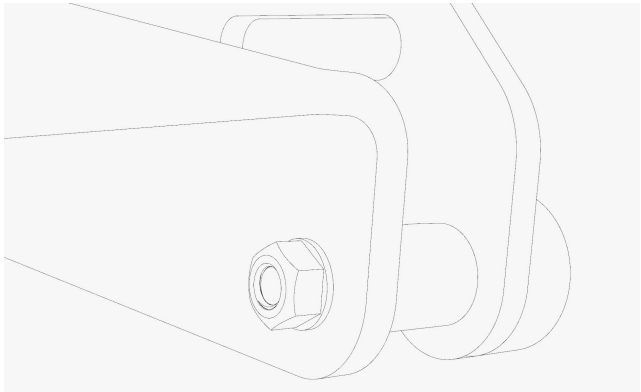
Use
When using the base carrier for transport, be careful when installing the attachment of your choice and carefully secure your load.

Insufficiently secured loads can result in accidents involving personal injury and property damage. Pay attention to your safety and that of your fellow human beings.

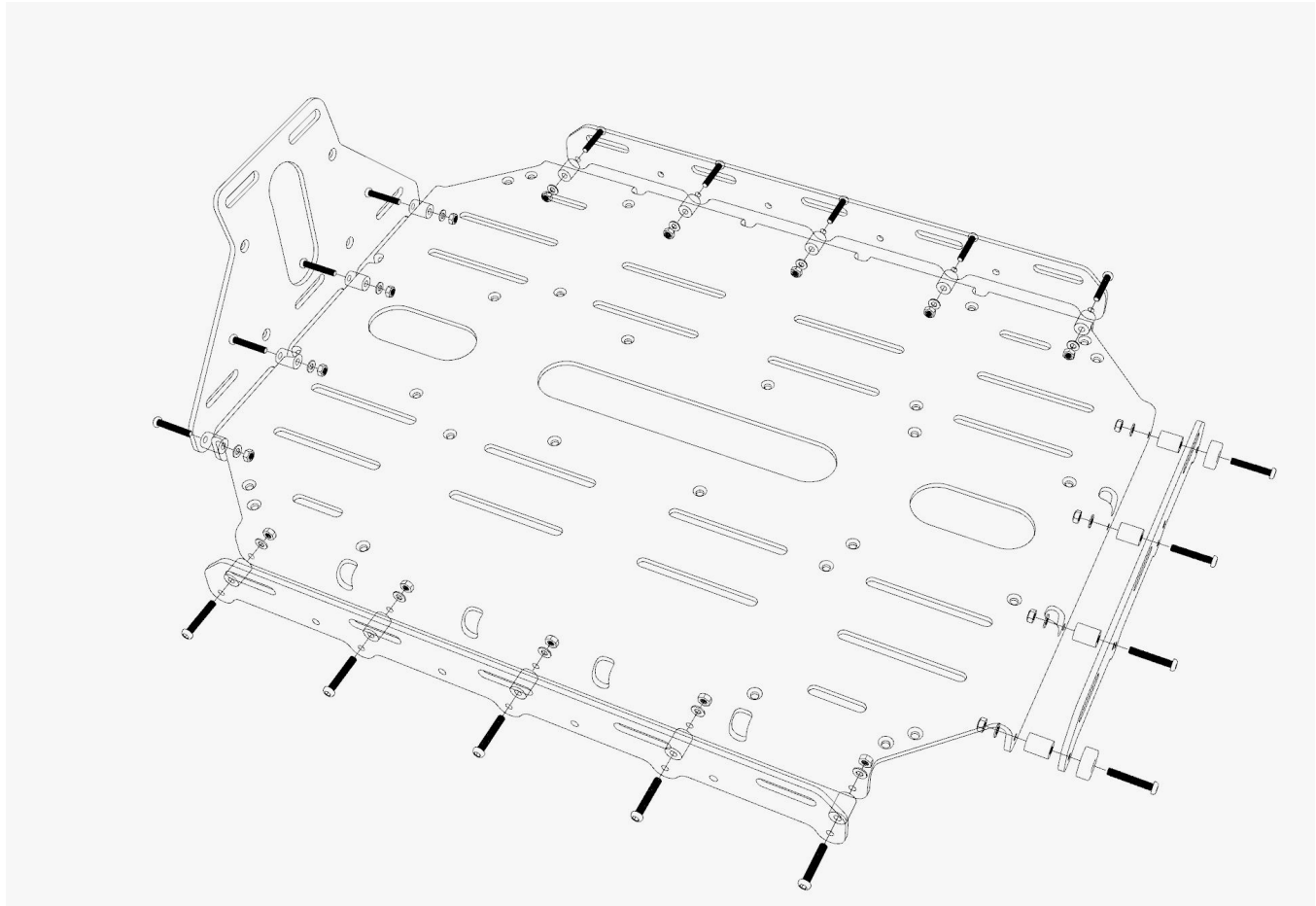
Euro Carrier – Assembling

Step 1 Pre Assembly
Assemble the carrier by screwing the aluminum sheets and profiles together using the small parts. First mount the rear part as well as the side and front outer rails on the base plate. Pay attention to the orientation of the base plate, its two middle rows of holes are aligned to the front.

Small parts: 18x flat head screw M6x40, spacer, washer and stop nut

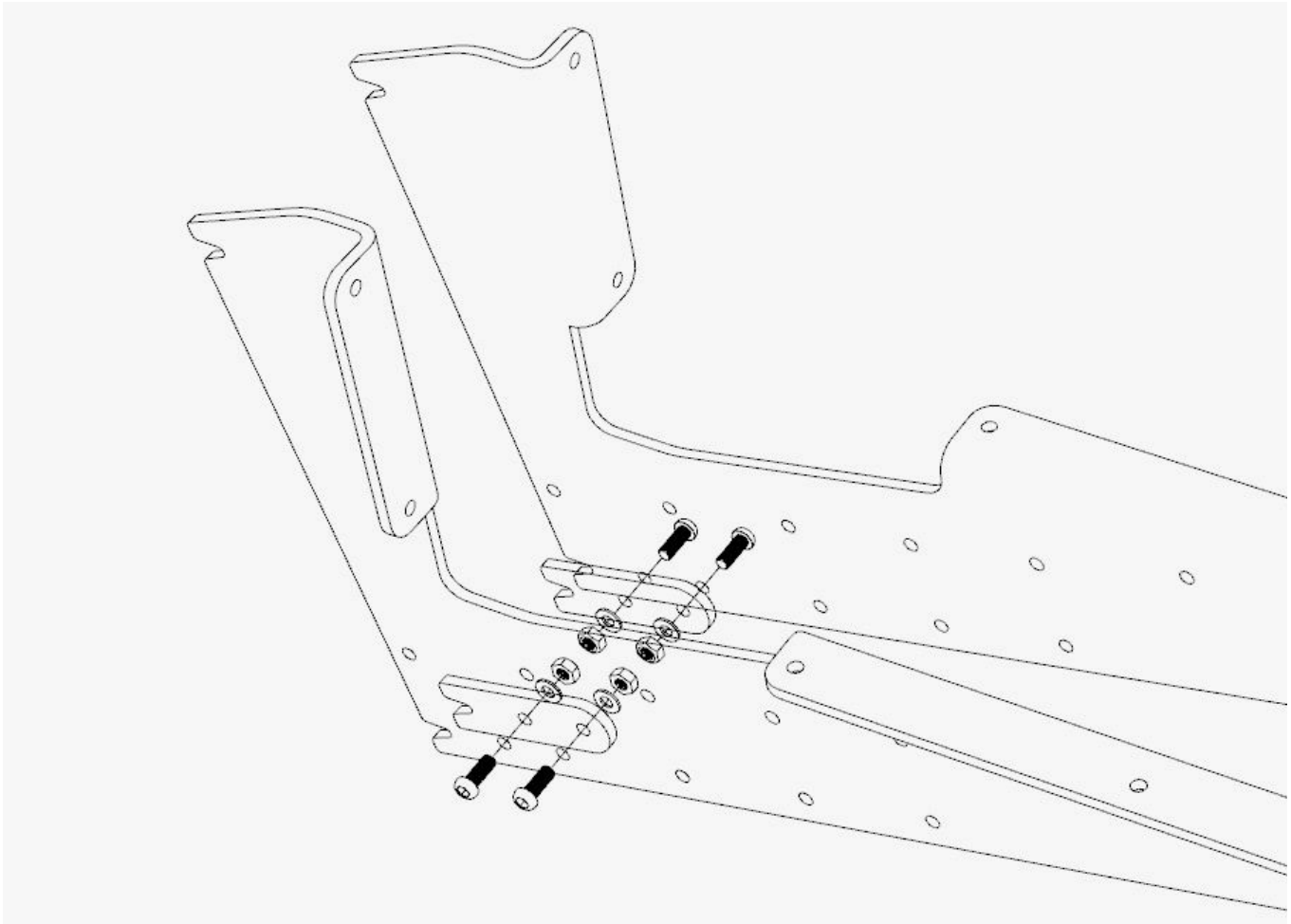


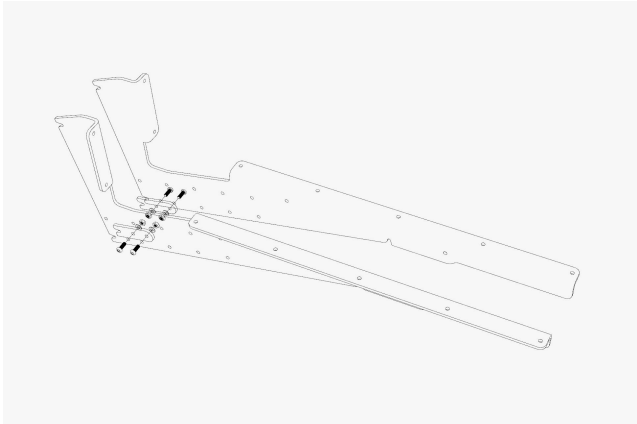
Tighten the screws for fastening the rubber buffers only that far that the screw ends remain just inside the nut and do not protrude.



Use grease for the screws to prevent them from seizing or breaking off when screwing them in.

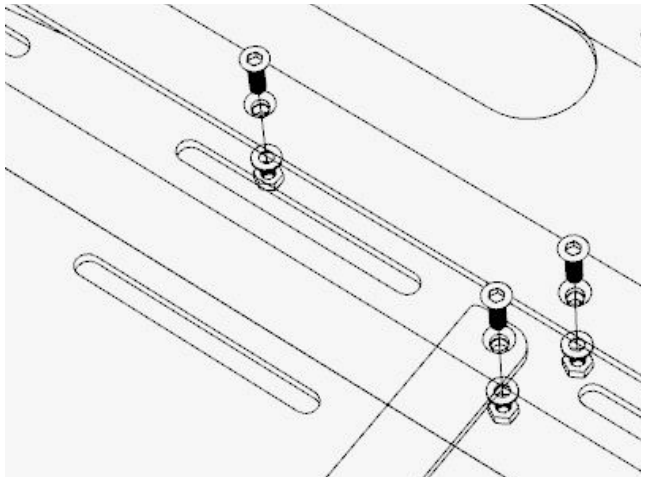
Euro Carrier – Assembling

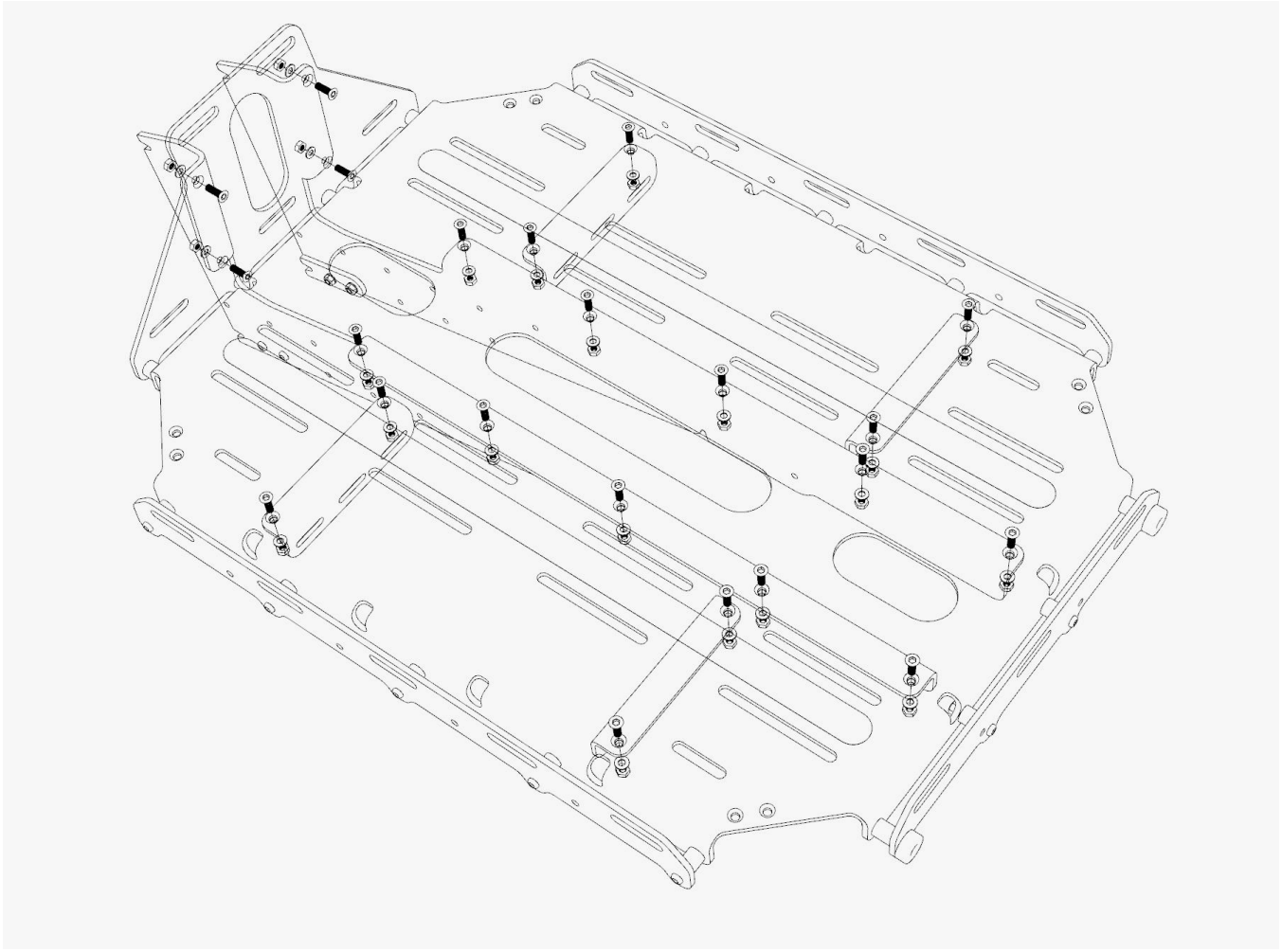




Step 2
Screw the spacer plates on the inside to the side parts. **Small parts:** 4x flat head screw M6x20, washer and stop nut

Euro Carrier – Assembling

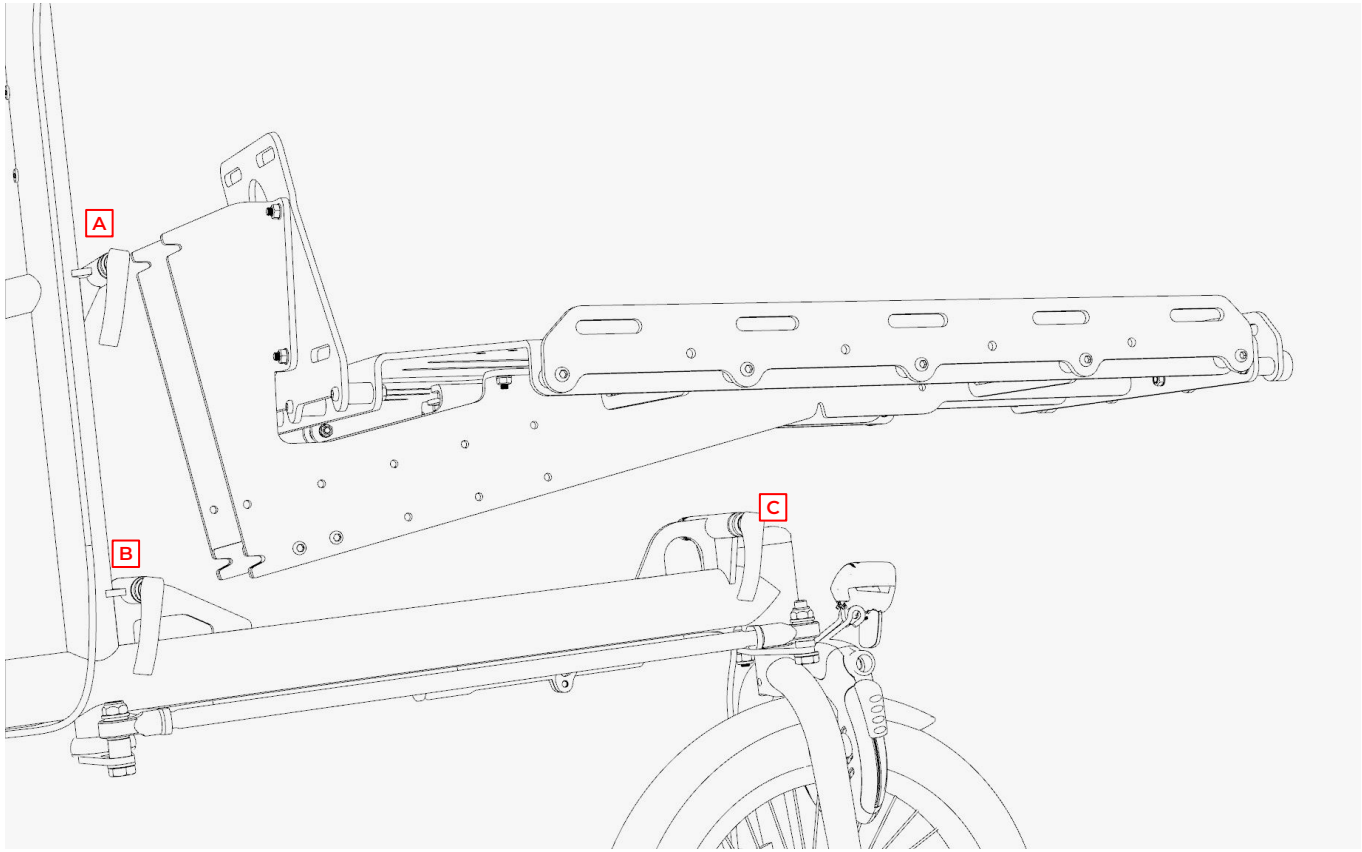




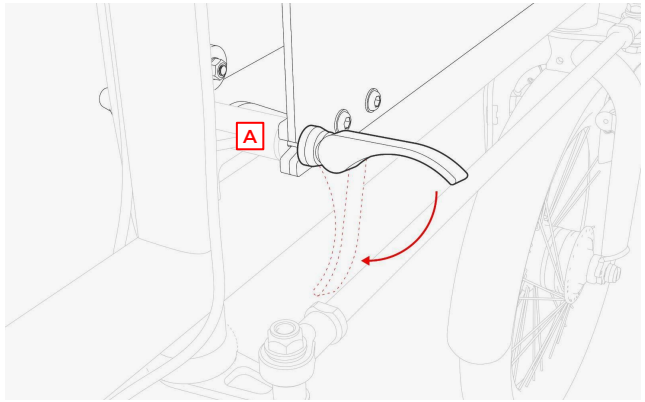
Step 3 Final Assembly
Bring the side parts and the angle sheets together with the back part and base plate. First tighten the screws and nuts hand-tight and only finally fix them when all parts are in position.
Small parts: 22x Countersunk screw M6x20, spacer, washer and stop nut

After the final assembly of all individual parts, it may be necessary to adjust the distance between the rear dropouts manually with a little effort.

Euro Carrier – Assembling



Step 4 Putting on the carrier
Place the dropout pairs on the quick release axles **[A, B, C]** .



Step 5 Tightening the levers
Now screw the quick releases tight and tighten the levers. Make sure that the required clamping takes place at all three mounting points. The dropouts must sit firmly and without a gap between the mounting tube and the quick release.

When assembling your carrier, take your time and proceed carefully. If you are unsure about the assembly, let your service partner support you. It is important that the carrier is firmly connected to the Adapt system.

Before every ride, make sure that all pairs of dropouts are hooked onto the quick release axles and that the quick releases are tight. This is the only way to ensure that the carrier cannot come loose during the journey.

REAR RACK WITH AVS-SYSTEM

From model year 2026

The optional AVS rear rack features the AVS system, allowing compatible bags, baskets, and panniers to be attached and combined.

Components
1× AVS rear rack
1× Adaptor
4× M6×16 screws
2× M6×25screws
2× M6 Lock nuts
2× M6 washers
1× Z reflector
2× 3.5×12 screws
2× M5 washers



Installation of the AVS rear rack on the Mini is only possible on frames manufactured from April 2026 onwards. You can determine whether your YOONIT is compatible by checking for the mounting points on the seat stays [A].

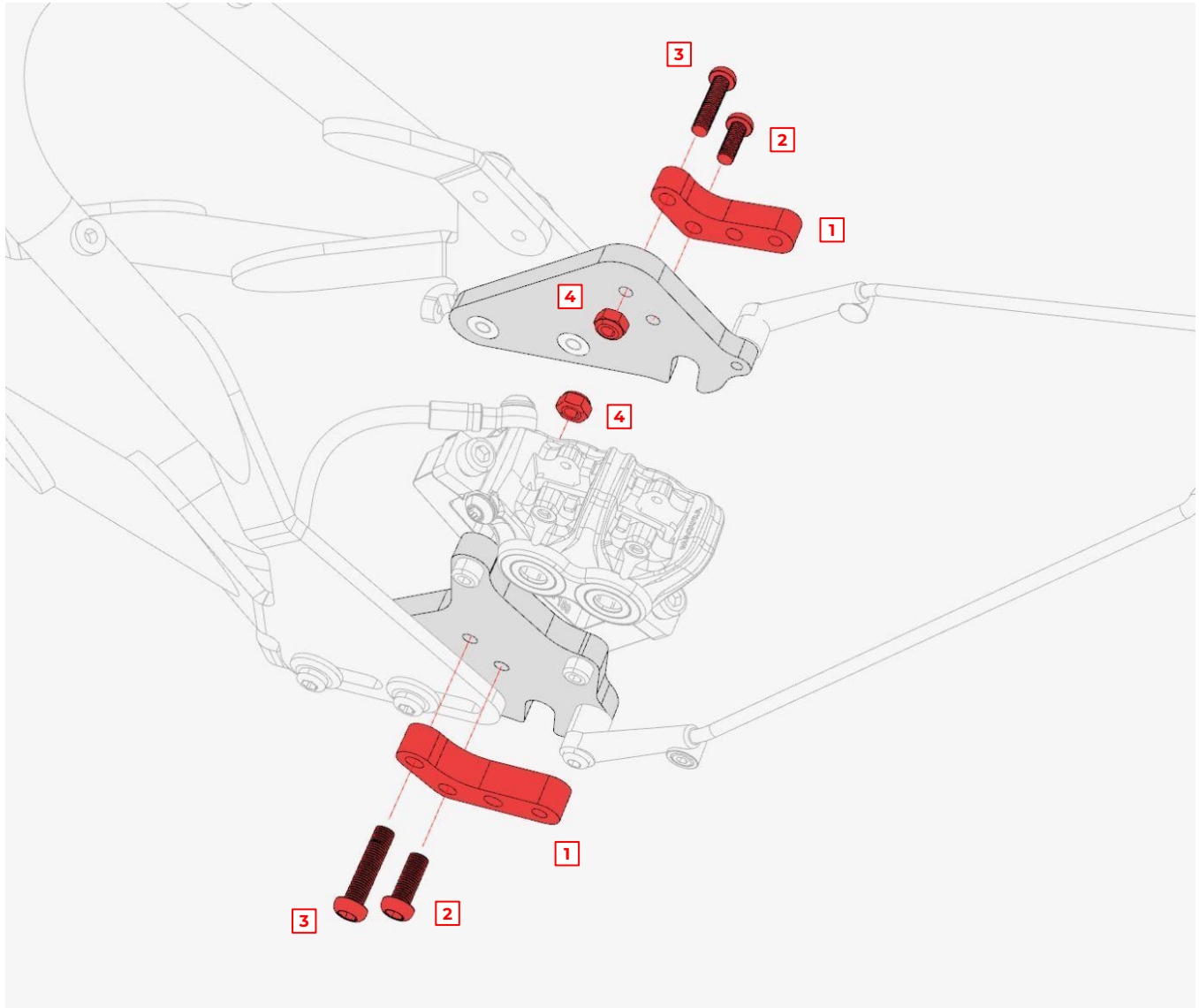
Assembling

Step 1 Preparation

Position the two luggage rack adapters **[1]** on the left and right dropouts as shown, and fasten each one using one M6 × 16 mm screw **[2]**, one M6 × 25 mm screw **[3]**, and one M6 lock nut **[4]**.

First, tighten the two screws threaded into the dropouts. Make sure they are installed in the correct positions: the 25 mm screw must be installed above the 16 mm screw, otherwise its inward-projecting end may interfere with components mounted on the rear hub.

Then thread the M6 lock nut onto the end of the M6 × 25 mm screw and tighten it to lock the connection.

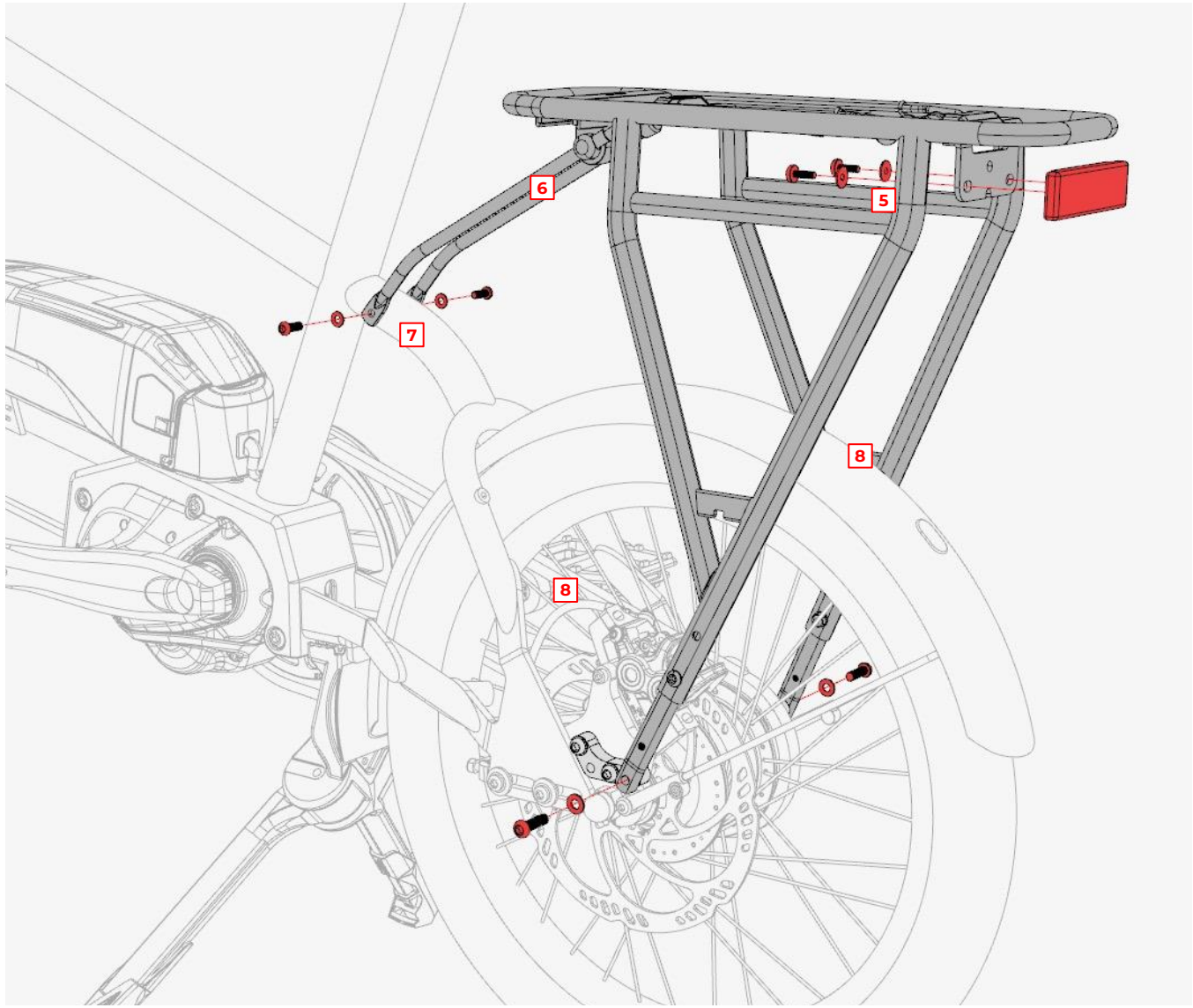


To improve access to the screw ends when tightening the lock nuts, it may be helpful to briefly loosen the rear wheel axle nuts and lower the rear wheel slightly.

Assembling

Step 2 Pre-Assembly
Attach the Z reflector to the rear of the rack using the supplied 3.5 × 12 mm screws and M5 washers **[5]**.
Then attach the extenders at the front **[6]**, making sure they remain adjustable for mounting to the frame.
The rack is now ready for installation.
Next, loosen and remove the two M5 screws and washers located at the top of the seat stays, behind the seat tube **[7]**.

Step 3 Assembly
Position the rack at the rear of the Mini as shown and fasten it at the top to the seat stays using the previously removed M5 screws and washers **[7]**.
At the bottom, use the supplied M6 screws and washers to secure it on both the left and right sides to the rear mounting points of the adapters at the dropouts **[8]**.
Align the extenders so that they are parallel and ensure the entire rack is level.
Then tighten all screws to a torque of 6 Nm.



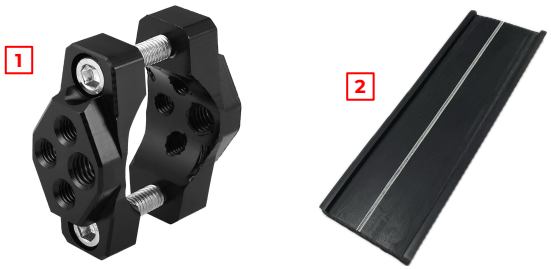
**The rack has a maximum permissible load of 25 kg.
Transporting children in a child seat attached to the rack is strictly prohibited.
Failure to comply may result in fatal injuries.**

REAR RACK WITH AVS-SYSTEM, INCL. ADAPTER

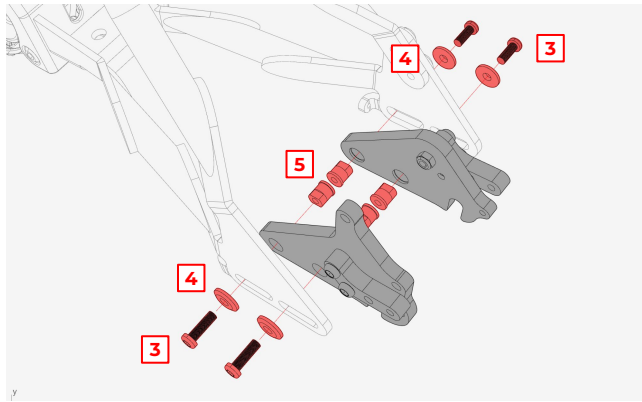
Until model year 2025

The optional AVS rear rack with AVS system can also be fitted to Mini models manufactured before 2026 using a clamp and modified dropouts.

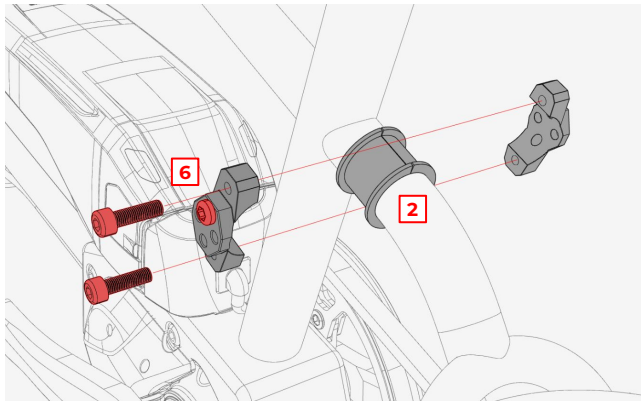
Components
1x AVS Rack
1x Rack clamp [1]
1x Rubber profile piece [2]
2x Screw M6x10
2x Dropout incl. adapter
2x Screw M6x16
2x Washer M6
1x Z-reflector
2x Screw 3.5x12
2x Washer M5



Proceed carefully during installation and ensure that all screw connections are properly tightened. If in doubt, consult a specialist dealer and have the installation carried out by qualified personnel. UUIO GmbH accepts no liability for damage resulting from improper installation.



Step 1 Replacement of the dropouts
Remove the old dropouts. First back off the belt tension adjustment screw on both sides, then loosen the screw connections between the frame and the dropouts. Remove the rear wheel, the mudguard stay on both sides and the brake adapter on the left side.
Now remove the old dropouts by completely undoing the screw connections to the frame. Screws **[3]**, washers **[4]** and bushings **[5]** will be reused.
For installation of the new dropouts, proceed in reverse order.



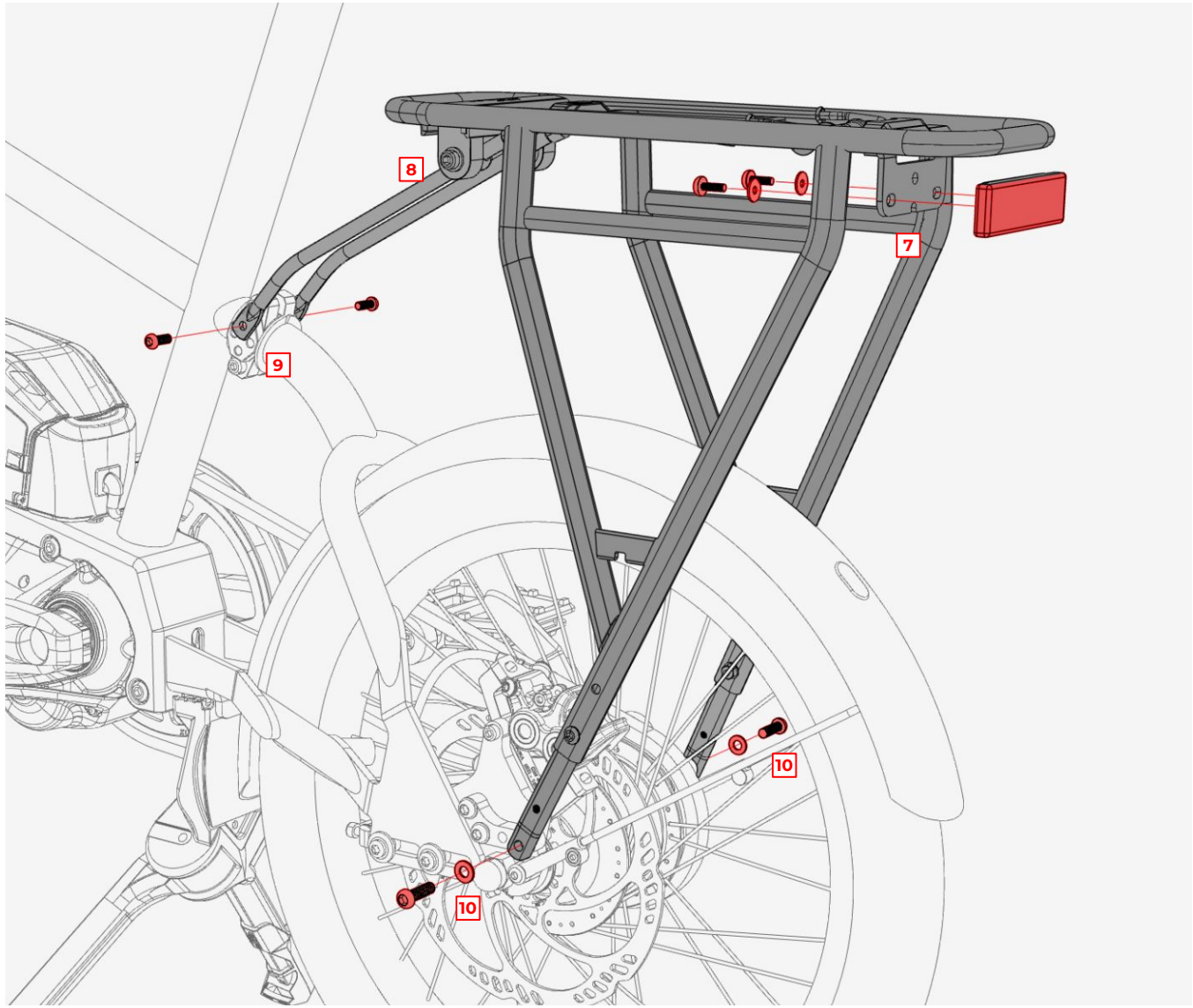
Step 2 Installation of the rack clamp
Attach the clamp to the upper straight section of the wishbone tube as shown. Use the rubber profile **[2]** to protect the tube.
Align the two clamp halves so that the mounting holes for the extenders, each pre-fitted with an M6x10mm screw **[6]**, are positioned at the top.

Assembly

Step 3 Pre-Assembly
Attach the Z-reflector to the rear of the rack **[7]** using the supplied 3.5x12mm screws and M5 washers.
Then attach the extenders at the front **[8]**, leaving them adjustable for mounting to the frame.

The luggage rack is now ready for installation.

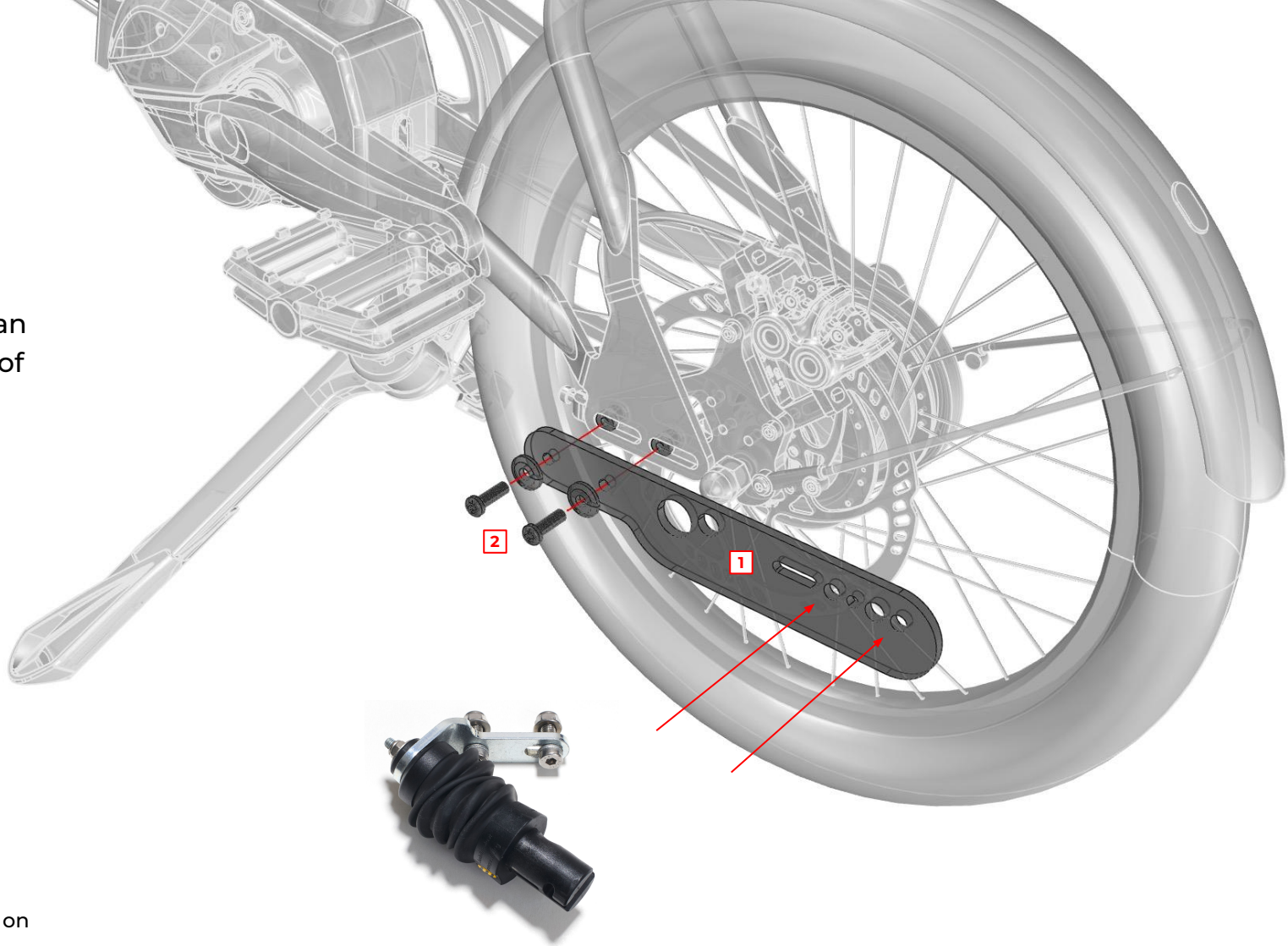
Step 4 Assembly
Position the rack at the rear of the Mini as shown and secure it at the top to the pre-mounted clamp **[9]** using the M6x10mm screws, and at the bottom to the rear mounting points of the adapters on the dropouts **[10]** on both the left and right sides, using the supplied M6x16mm screws and washers.
Align the extenders parallel to each other and the entire rack horizontally, then tighten all bolts to a torque of 6 Nm.



The rack has a maximum permissible load of 25 kg.
Transporting children in a child seat attached to the rack is strictly prohibited. Failure to comply may result in fatal injuries.

HITCH ADAPTER

An optional stainless steel adapter can be mounted to the left rear dropout of your YOONIT to attach a range of common bicycle trailer hitches. This allows you to expand the range of applications for your YOONIT to include trailers for child or cargo transport.



Components
1x adapter plate, stainless steel, powder coated black **[1]**
2x screws M6 x 20 **[2]**
2x washer M8 (for attaching Weber ER hitch)
2x locknut M8 (for attaching Weber ER hitch)

Step 1 Preparation
Loosen and remove the two screws and washers on the left rear dropout.

Step 2 Assembly
Place the hitch adapter according to its recesses and holes on the dropout and fasten it using the enclosed M6 x 20 replacement screws.
The adapter rests directly on the dropout, followed by the previously removed washers and replacement screws.

The mounting slots on the adapter are designed to accommodate the following hitches:

- Hinterher hitch Nr. 04 - 18/40 up
- Thule
- Weber E
- Weber EH
- Weber ER (installation example)

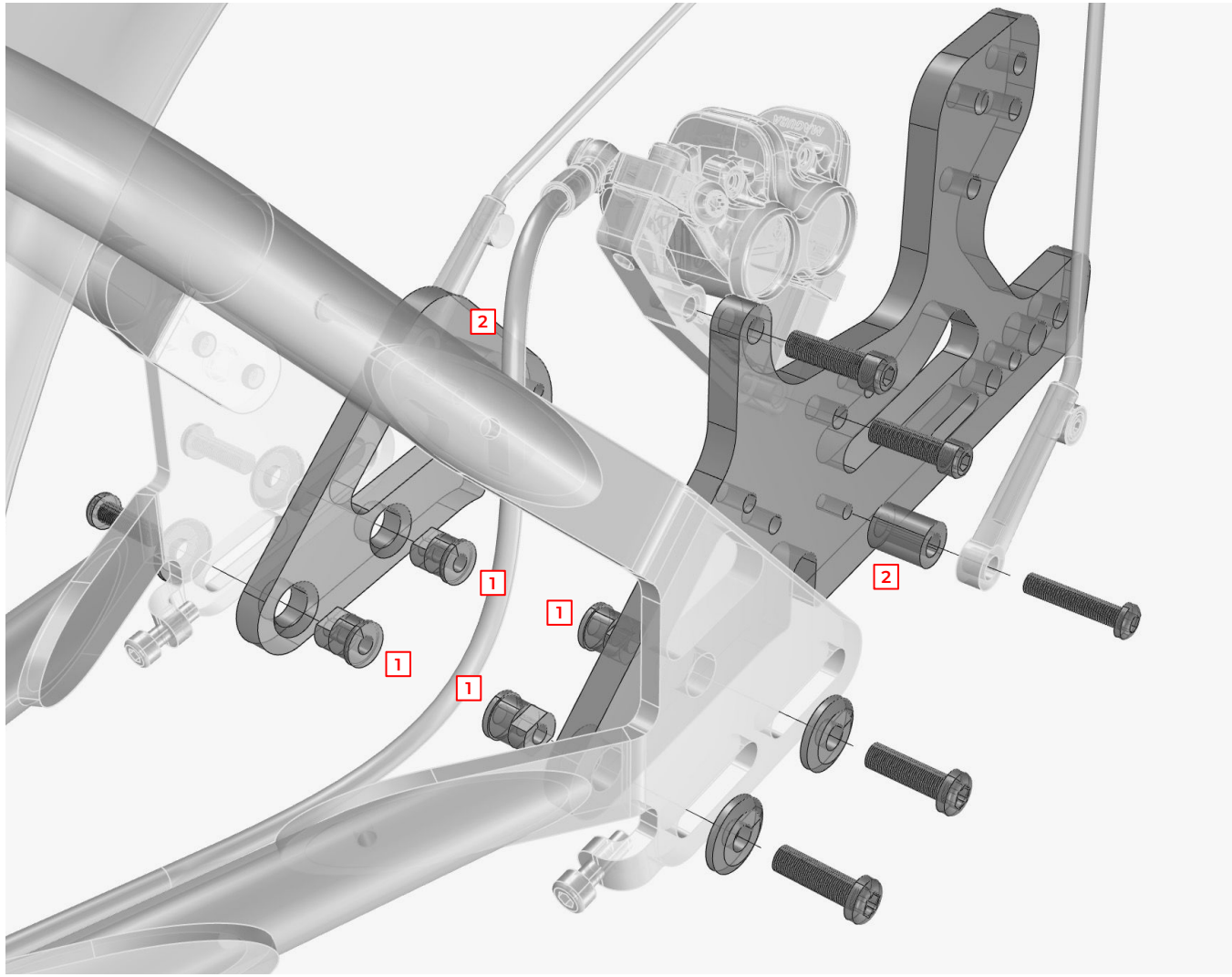
Mounting other hitch models using M6, M8, or M10 bolts is also possible but must be individually assessed and approved.

The adapter has a maximum trailer load of 80 kg.

PRO Dropouts

The PRO dropouts are optionally available for your YOONIT. They are made of powder-coated stainless steel for extra stability.
The left-side dropout is significantly extended and allows for the installation of a variety of hitches for standard cargo or child trailers (possibly simultaneously).

Components
1x Stainless steel dropout left, black powder-coated
1x Stainless steel dropout right, black powder-coated
4x Dropout cylinder head screw M6x16mm
4x Dropout washer
4x Dropout sleeve **[1]**
2x Spacer M5xø10x15mm **[2]**
2x Screw M5x25mm



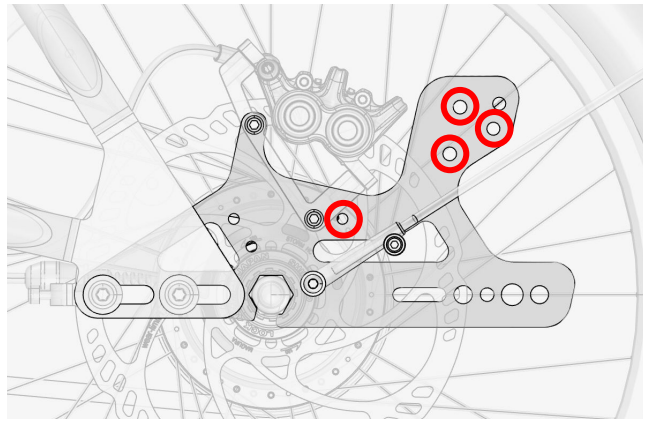
Step 1 Preparation
Disassemble the rear wheel first. Loosen and remove the brake adapter, including the brake, and both mudguard stays from the YOONIT's standard dropouts.
After unscrewing the dropout bolts and washers, you can remove the dropouts.

Step 2 Assembly
Position the PRO dropouts as shown and secure them with the included M6x20mm cylinder head bolts, washers, and sleeves **[1]**.
Align the sleeves with the parallel milled ends facing outwards so that they rest in the slotted guides in the frame.

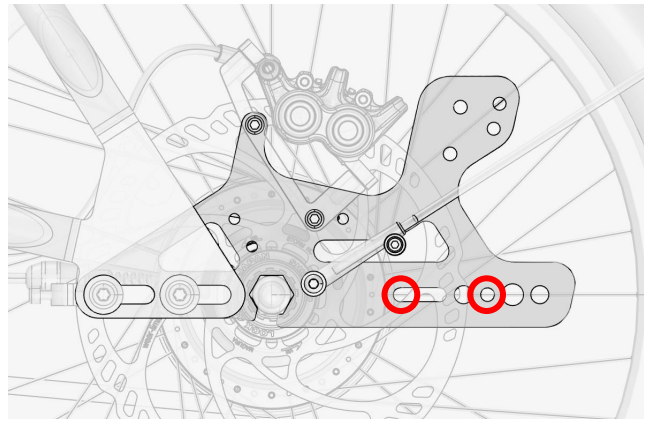
Reinstall the brake adapter using the existing screws.
To mount the mudguard stays, use the included M5x25mm screws and place a spacer **[2]** between each stay end and the PRO Dropout.

Assembly examples

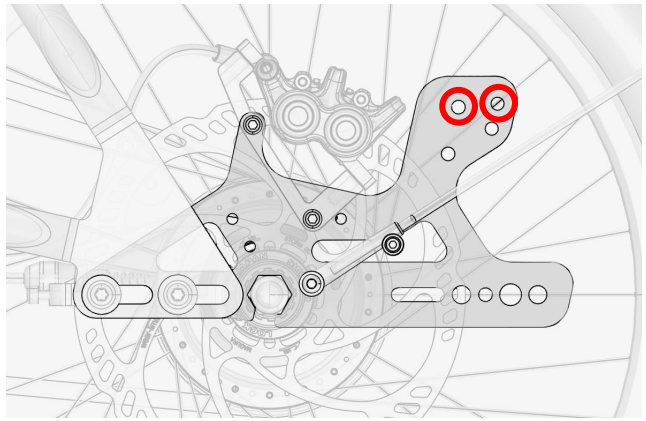
The illustrations on the right show the mounting points for a selection of hitches.
The arrangement of the lower row of holes, in particular, is suitable for various other models.



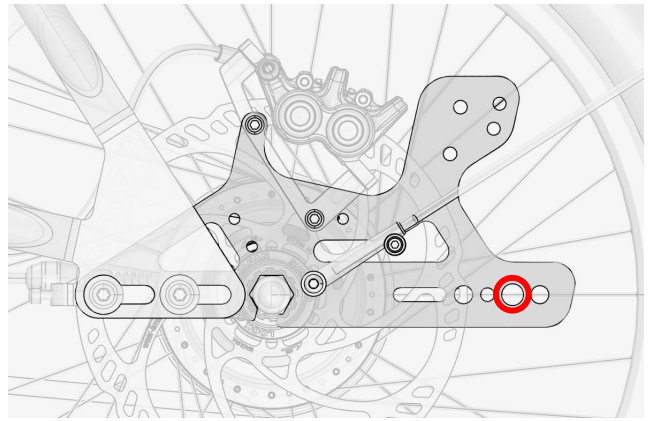
Fleximodal Douze V2



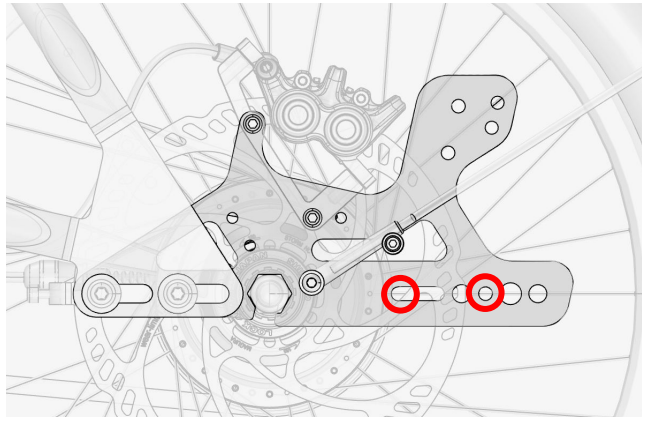
Hinterher hitch Nr. 04 - 18/40 up



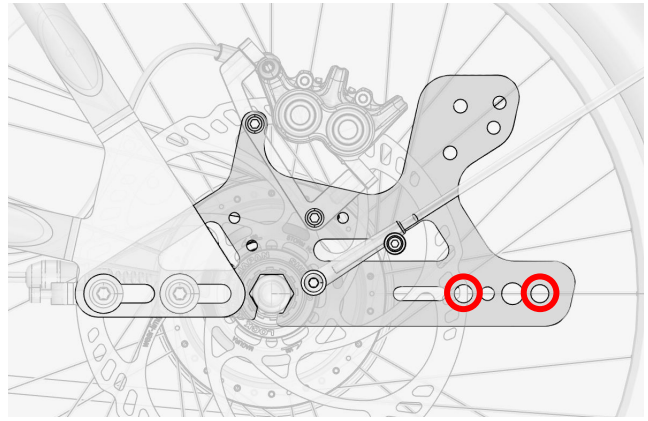
Leggero pulling element Becco



Thule, Weber E



Weber EH

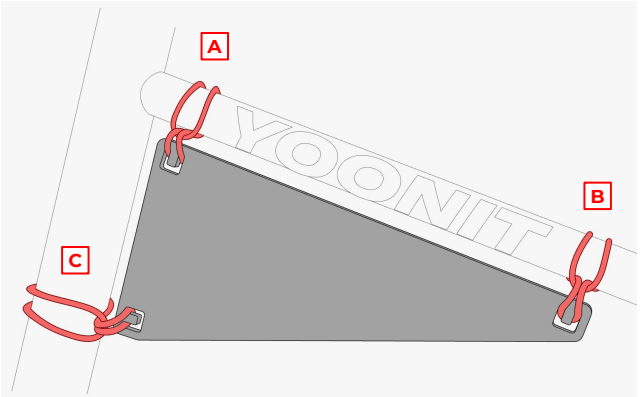


Weber ER

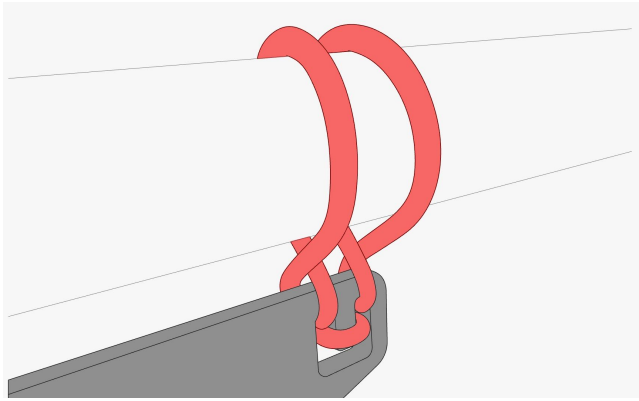
MINI BILLBOARD

The optional Mini Billboard can be mounted on the frame to allow individual customization with films or stickers.

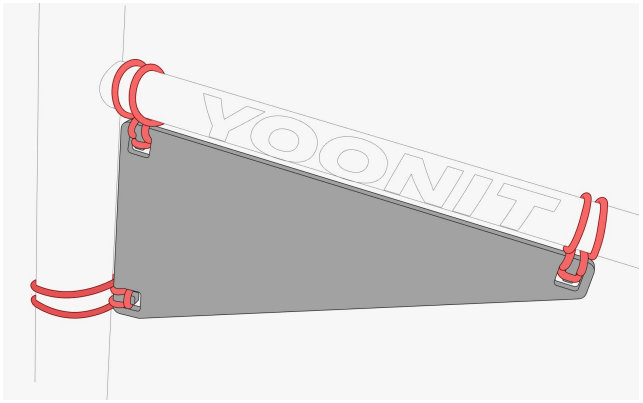
Contents
1x Mini billboard, polypropylene, black
1x O-ring, rubber, black, d 105 mm
2x O-ring, rubber, black, d 85 mm



Step 1 Positioning
The billboard is attached to the frame at three points. The two smaller O-rings secure it to the top tube **[A, B]**, while the larger one fastens it to the head tube **[C]**.
Guide each O-ring around the respective tube as shown, forming a loop that can be hooked over the corresponding peg on the board.



Step 2 Fastening
Pull on the remaining part of the O-ring around the tube to create enough length for a second loop.
Hook this loop over the free end of the peg from the opposite side.
To push the loop through the opening and hook it over the peg, it may be helpful to use a tool such as the tip of a screwdriver or a key.

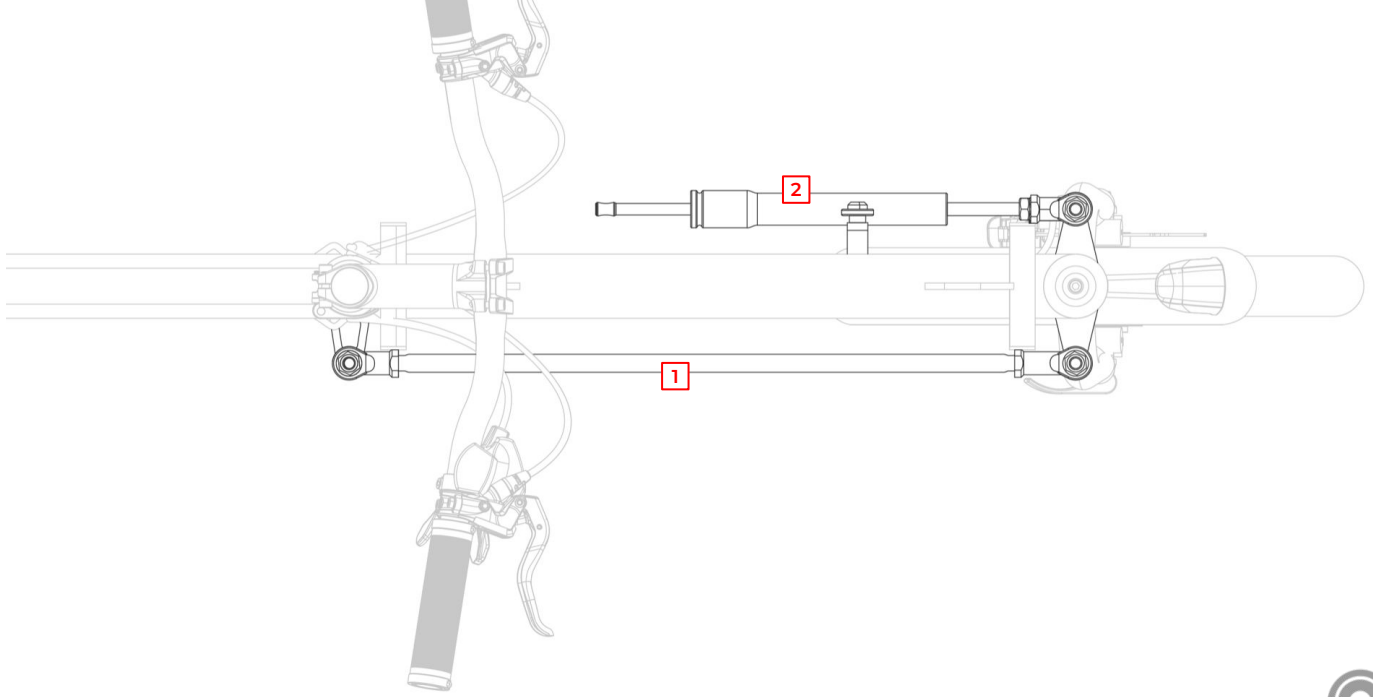


Step 3 Final adjustment
If necessary, grab the billboard from underneath and adjust it to the middle position on top of the tubes.

The billboard is made of durable, impact-resistant plastic with a fine textured surface. For decoration, apply films or stickers with strong adhesive strength.

You can receive a design template with the exact outline of the billboard upon request at service@yoonitbikes.com

STEERING





The indirect steering is transferred by a steering rod **[1]**. The adjustable steering damper **[2]** offers you additional driving comfort.

Despite its indirect steering, the YOONIT behaves similarly to a normal bicycle. Familiarize yourself with the steering in an undisturbed location.

The steering assembly is a complex system. Damage and changes can lead to serious falls. If you have any doubts about the stability/ function or discover defects in the parts, your YOONIT must no longer be used.

Do not attempt to repair defects in the steering assembly yourself or to replace parts. Contact a professional to do this.

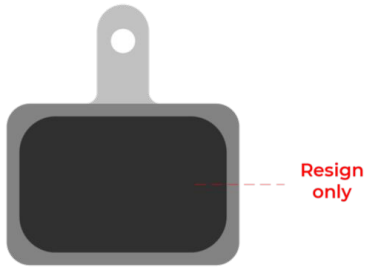
Steering rod (control check)
Check the following things before driving:

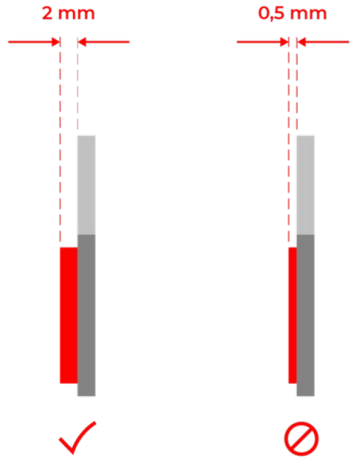
- ➔ Check that the steering assembly runs without play.
- ➔ The steering must not be restricted in its movement.
- ➔ Check that the screws and nuts on the steering assembly are properly tightened.

Steering damper
Your YOONIT has an adjustable steering damper **[2]** as standard. You can set the intensity of the damping on the adjusting wheel **[3]** in nine stages. To increase the damping resistance, turn the adjustment wheel in the direction of **"H"**, to decrease the resistance turn the adjustment wheel back in the direction of **"S"**.

BRAKES

Your YOONIT is equipped with two independent hydraulic disc brakes on the front and rear wheels. Check the function of the braking system regularly. Test the braking effect as well as the brake wear and check whether there are any leaks in the system. Replace the brake pads if they are dirty or if the thickness of the pads is less than one millimeter. The brake pads must not be braked so far that the carrier plate touches the brake disc.





Running in
New brake discs and their brake pads must be run in. Only after running in does the full braking power develop.

Braking in: To do this, accelerate your YOONIT to 25 km/h and brake clearly to the stop. You should repeat this process about 20 times. Be aware that the brakes increase their braking force as you do this. Make sure that the wheels do not lock.

Disc brakes decelerate very quickly; pulling the brake lever vigorously can block the respective wheel and cause a fall.

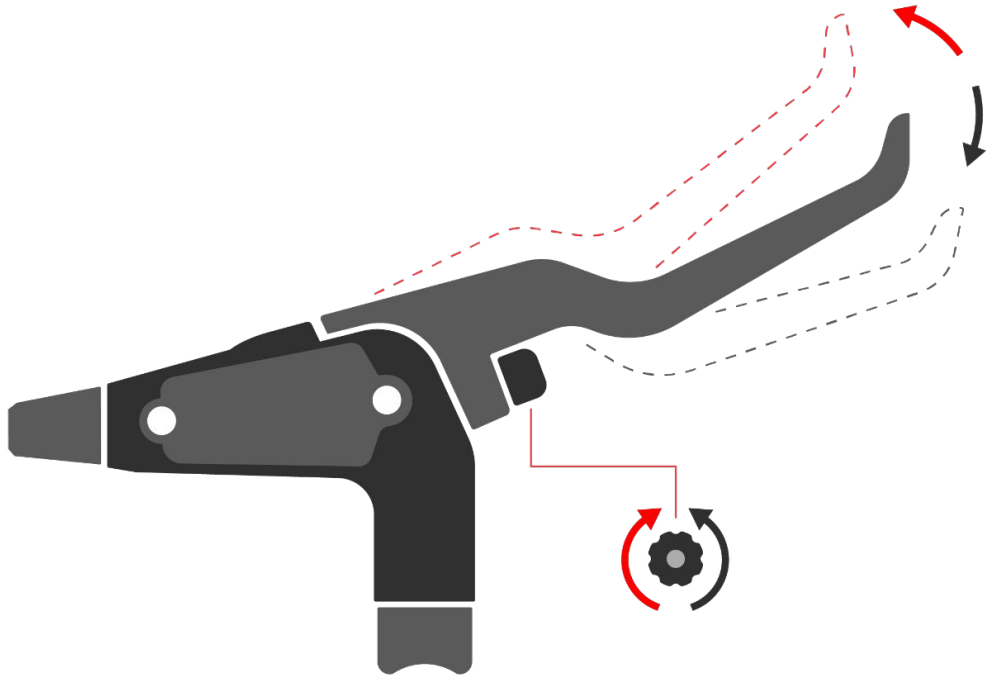
Vapor Lock
Do not brake continuously over a long period of time, e.g. on a steep and long descent. Temporarily relieve the brake lever. The formation of vapor bubbles in the brake system suddenly increases the brake lever stroke considerably and can result in a total breakdown of the brake system. Such loss of control of the bike can cause serious falls.

Wear
The brake pads wear out after a certain period of time, so check the condition of the brake system and the brake pads regularly. Have your brake system serviced regularly by your YOONIT service partner. This concerns the check of the brake fluid, as well as the wear and tear of the pads. In order to brake properly, your brake discs must be clean and free of grease.

Have the thickness of the brake discs measured after three brake pad changes; brake discs can also wear out.

Brake levers

On your YOONIT, the brake lever on the left side of the handlebar acts on the front brake. The lever on the right acts on the rear brake.



It is possible to adapt the brake levers to the shape of your hand and to move them closer to the handlebars. To do this, turn the adjusting screw on the brake lever (see illustration). If you turn to the left, the lever comes closer to the handlebars. If you turn to the right, it moves further away. However, the levers should never touch the handlebars, even if they are pushed hard.

Adjust the brake levers so that they do not touch the handlebars even when pressed hard!

For more information about Magura hydraulic brakes, visit https://www.magura.com/en/components/techcenter

GEAR SHIFT



YOONIT Classic
The non-motorized version of the YOONIT is equipped with an Alfine 8-speed hub gear from Shimano. You shift gears using the shifter on the right-hand side of the handlebar, which is part of Shimano's Rapidfire shifting system.

If you want to shift into a higher gear, use the lever located on the side of the handlebars facing you and push the lever forward with your thumb. You can downshift into a lower gear by pulling the lever on the opposite side of the handlebars towards you with your index finger.

The gear shift is one of the components that are relevant to your safety. Please read through the enclosed instructions from the manufacturer and familiarize yourself with how it works before you set off.



EP5 model
The EP5 models use the mechanical Shimano Nexus Inter-5E 5-speed hub gear system. To change gears, rotate the shifter mounted on the right side of the handlebar upward or downward. The currently selected gear is displayed in the transparent viewing window of the twist shifter.

If you have any questions about setting and operation, you can contact the YOONIT team at any time: hello@yoonitbikes.com. Alternatively, your specialist dealer can also help you.



EP6 model
The pedelec version YOONIT Electric shifts with the automatic 5-speed hub gear SHIMANO STEPS Di2. The control unit is located on the right side of the cockpit. Two automatic and one manual mode are available, which you can change using the middle button. Gear 2 is always selected at the start.

You can increase the gear with the upper button and decrease it with the lower button. In automatic mode, the system shifts automatically. Since it is an adaptive system, you have the option of changing gears manually or correcting them at any time. Over time, the system will adapt to your driving style.

With the two automatic modes, the system can learn the shifting behaviour of two drivers.

GATES BELT DRIVE

The Gates Carbon Drive is a maintenance-free and durable system. Note the following points before your ride.

After driving through mud or dirt, clean the belt with water or a hand broom. This will prevent premature wear and tear or noise such as squeaking or creaking.

When cleaning the belt, watch out for any damage, cracks, or deformations in the material.

Check the belt tension and pulleys regularly. If you notice changes, contact your service partner.



Loose clothing can get caught in the belt drive and block it. Attention! This can lead to dangerous situations. When cleaning, be careful not to pinch your fingers between the belt and pulley.

You can find more information about the Gates Belt Drive at https://de.gatescarbondrive.com

WHEELS AND TIRES

The wheels of your YOONIT are exposed to heavy loads. Your service partner should check it after 100 km to 300 km and readjust it if necessary. Also check the wheels yourself regularly.

Tires and air pressure
The appropriate air pressure for the tires is either specified in bar and PSI on the side of the tire or on a label on the rim. Please always ride with a suitable air pressure that suits the driver and the load.

Air pressure front wheel:
3,5 bar (50 psi) bis 4,6 bar (65 psi)
Air pressure rear wheel:
3,5 bar (50 psi) bis 4,6 bar (65 psi)

Hub bearing
Check the hub bearing from time to time by lifting the wheel off the ground and turning it by hand. If the bike does not run regularly or stops suddenly, this is a sign of a defective bearing.

There must be no play in the hub bearing. Check this regularly by pulling the front wheel in the fork or the rear wheel in the rear triangle to the right and left. It can't be loose or have play. If you find play, have the bearings adjusted by a service partner.

Rim concentricity
The runout of the rim must also be checked from time to time. Lift the impeller off the floor and spin it by hand. On the rim flank you can see whether the rim is deflecting to the side or whether it is running straight. Unless it is currently running, your service partner should center the rim.

Fixing a flat tire
Contact a specialist workshop if you have a flat tire. Expertise and special tools are required for repairs.

LIGHTING SYSTEM

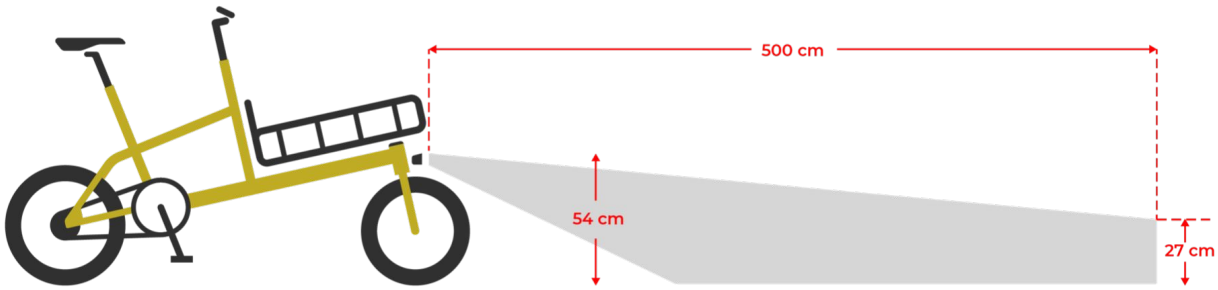




The YOONIT is equipped with a front and rear light from Busch und Müller. The rear light is integrated in the rear fender.

YOONIT Classic
The lighting system of the YOONIT Classic is powered by the hub dynamo using alternating current (AC). To switch the headlights on or off, press the large rocker switch on the rear of the front headlight.

YOONIT Electric
The lighting system of the YOONIT Electric is powered by direct current (DC) from the STEPS battery. Depending on the model, you can switch the lights on or off using the lower button on the bike computer or via the display menu.



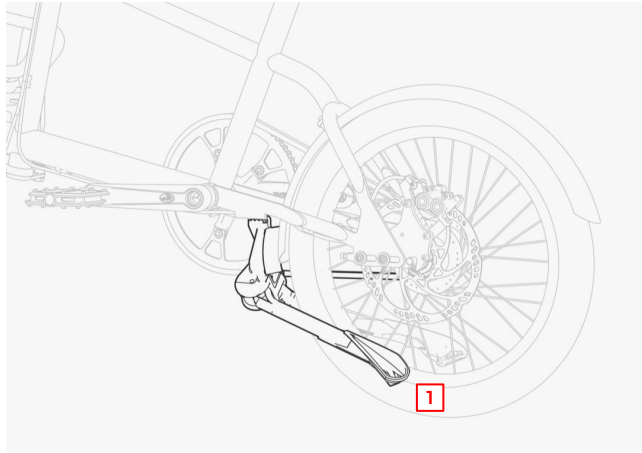
Adjusting the headlight
The headlight must not dazzle other road users. According to the StVZO, the light cone must be inclined so that its center is only half as high at a distance of 5 meters as when it exited the headlight. Therefore set it as shown on the sketch.

You should clean the reflectors and headlights regularly to ensure that they function properly. Warm water and detergent work well for this.

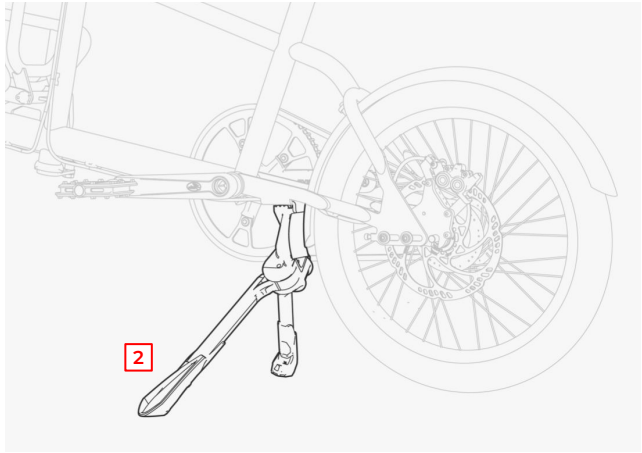
A functioning lighting system is mandatory in order to participate in road traffic. Without them, participation is prohibited. You cannot see the road properly and other road users cannot see you and your passengers. There is a risk of accident!

DOUBLE KICKSTAND

Your YOONIT stands on a stable double foot stand with a maximum load of 80 kg.



To unfold the stand to park the YOONIT, place your foot behind one of the stand legs **[1]**. Push the YOONIT back so that the stand unfolds against your foot. Lift the YOONIT slightly by the saddle to make the process easier.



Do the reverse to raise the stand to continue your journey. Place your foot in front of the stand **[2]**, lift the YOONIT a little and push it forward so that the stand legs fold against your foot.

Be careful not to kick the rear brake disc if you want to open the stand to park the bike.

Do not sit on your YOONIT when the kickstand is unfolded. This could be damaged by the load.

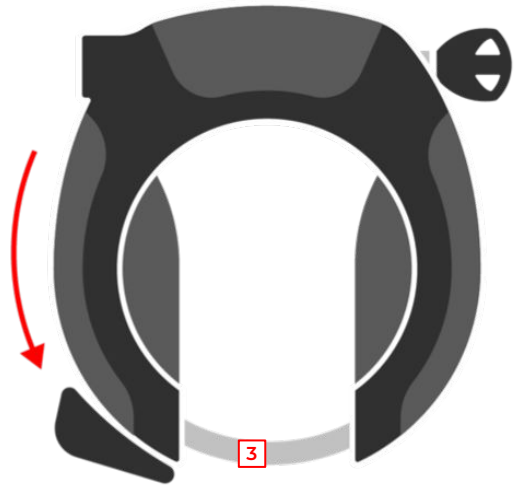
FRAME LOCK

Your YOONIT can be secured against theft with the frame lock built into the front fork. The lock is suitable for the use of different adapter chains.

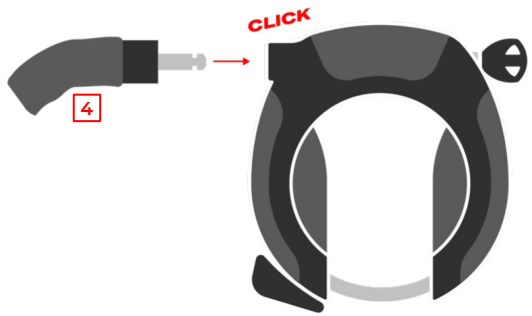


Turn the key **[1]** and push the tension bolt **[2]** down to close the lock. Make sure that the spokes are not damaged when you close the locking bracket **[3]**. If there are spokes in the way of the bracket, turn the front wheel a little.

The key can be removed when the bolt is closed or when the lock is open.



The locking pin **[4]** of an adapter chain can be easily inserted into the opening of the ring lock, even if there is no key in the lock. To open, turn the key - the bolt releases the chain.



Before every ride, check that your frame lock is open. If you start against the locked bolt, you could seriously damage the wheel!

When using an adapter chain, guide it through the eyelet provided on the frame at the front of the YOONIT's down tube to secure the front wheel and frame. The length of the chain is also sufficient to connect your carrier.

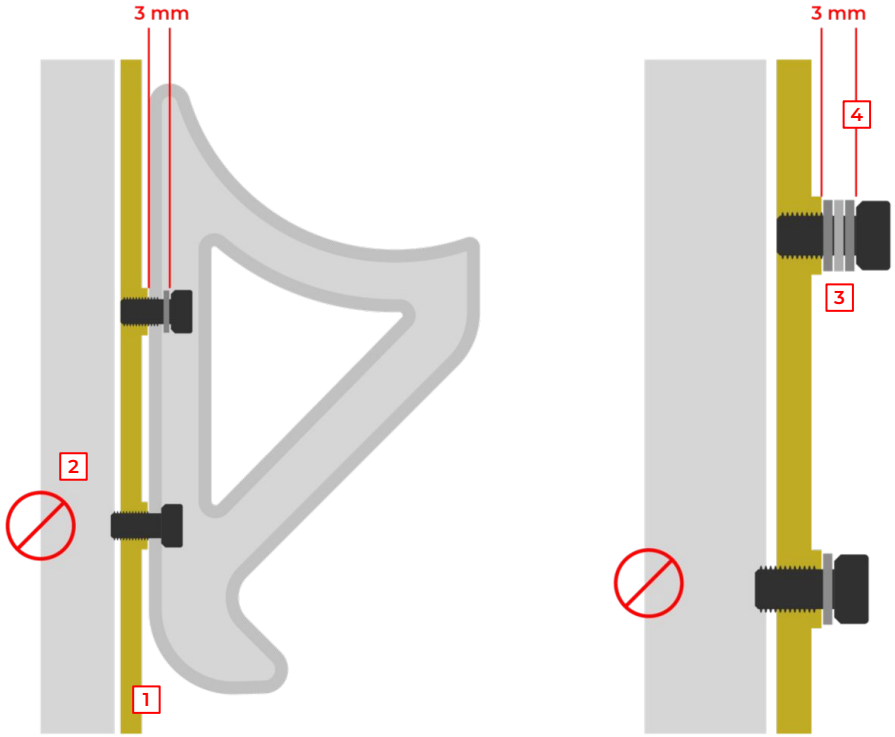
BOTTLE HOLDER

You can mount a standard bottle holder on the handlebar **[1]** of your YOONIT. When assembling, make sure that you use the screws for fastening that are already built into the YOONIT mounts.

It is very important that the fastening screws do not dip too deeply and block the steering shaft **[2]** in the steering tube!

First determine the material thickness at the mounting points of your bottle cage. The distance from the bottom **[4]** of the screw head to the handlebar must be at least 3-4 mm. You can achieve this distance with the washers **[3]**.

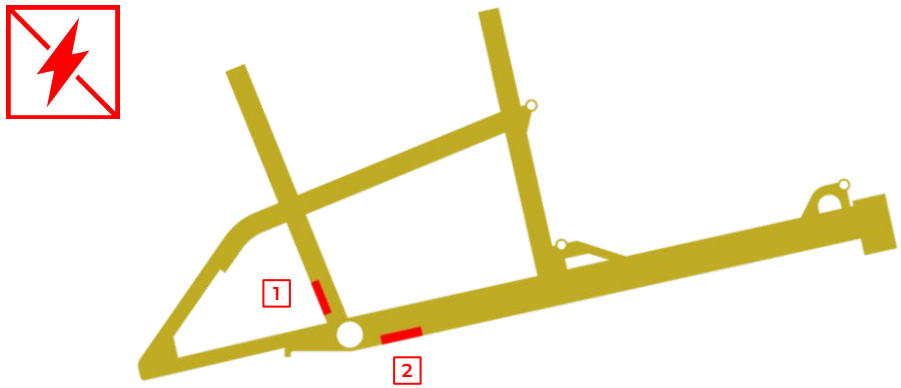
Contact your service partner if you are not sure about the installation.

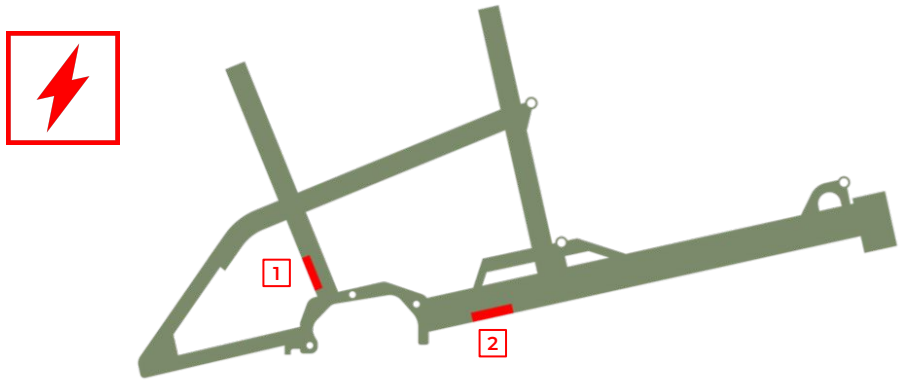


The screws of the bottle holder must never block the steering shaft [2]. The steering becomes unusable and you risk an accident.

FRAME

In these operating instructions you will find a service book for your YOONIT. If your YOONIT is stolen, it can be identified by its frame number. You can enter the frame number in the service book.





Do not ride with a defective frame! Deformations or cracks impair the safety and function. This can only be remedied by having the damaged parts replaced by a specialist workshop. Damage to the frame or components can lead to accidents! You can recognize a warped frame or a defective fork by means of improper straight-line stability. In this case, be sure to contact your service partner to have these components checked.

1

You can find the nameplate of your YOONIT here

2

The serial number of your YOONIT you can find here

E-BIKE SYSTEM

Your YOONIT Electric is powered by the Shimano STEPS system. Depending on the model, your YOONIT Electric is equipped with either the EP6 (85 Nm) or the EP6 (60 Nm) drive unit. Here, we provide an overview of its functions and operation.

Step 1 Note the following things to be able to start and use the system of your YOONIT Electric:

- ➔ Is the battery charged sufficiently?
- ➔ Is the battery properly seated in its holder?
- ➔ Are the battery, motor and control unit correctly connected to each other?

Step 2 Switching the STEPS system on and off
Depending on the model, the YOONIT system is either switched on via the assist switch (EP5 model: press and hold the upper button until the display lights up) or directly on the battery (EP6 model: operate the switch on the battery). Switching off is done using the same controls.

EP6-Modell



EP5-Modell



STEPS control unit

The control unit is located on the left-hand side of the handlebar cockpit.

Step 3 Choose your support mode
You can choose between three modes using the assistance switch on the left side of the handlebar:

ECO — The lowest support level is designed for the most efficient riding style, helping to maximize your range.

TRAIL — Dynamically uses the full power of the e-drive. Depending on how strongly you pedal, motor assistance is provided accordingly. This allows the drive unit to quickly and automatically adapt to your riding style.

BOOST — Provides the strongest level of assistance. For motor support, this means maximum and constant torque.

EP6 model



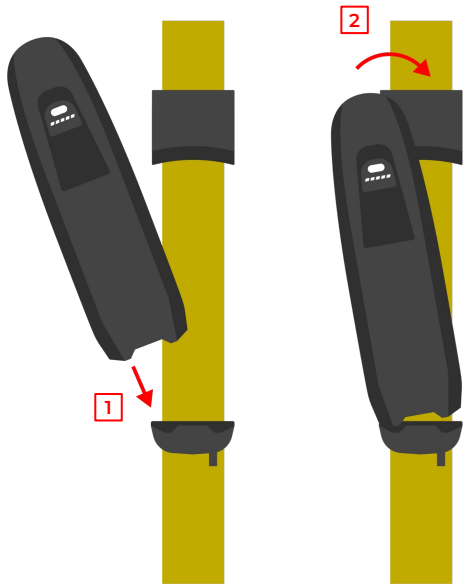
EP5 model

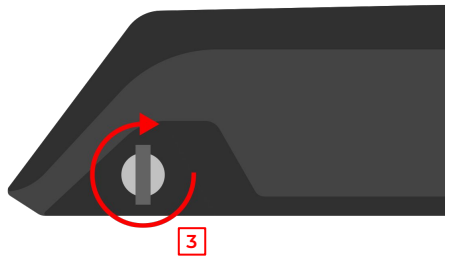


To operate the on-board computer and its setting options, please refer to the manufacturer's operating instructions. You can find more information at si.shimano.com

Battery

The battery developed for the Shimano STEPS system is mounted on the down tube and offers optimal riding performance thanks to its low center of gravity. It allows you to cover long distances and features a fast-charging function.





Control check

- ➔ Is the battery securely locked in the holder?
- ➔ Make sure that the battery does not discharge completely. You can recharge it even after using it for a short time. If the device is not used for a long time, the charging capacity may decrease.
- ➔ The battery should only be charged for as long as the manufacturer specifies.
- ➔ Unplug charger and battery when they are fully charged.
- ➔ Do not drive with the key inserted.
- ➔ Make sure the charging port cap is closed.

Inserting the battery

Insert the back of the battery onto the plastic tab **[1]** on the rear battery holder. Once the battery is hooked into the tab, turn it towards the front battery holder **[2]**. So you push it from the left onto the front bracket until it clicks into place.

The key is not required for insertion. The battery is secured as soon as it is engaged.

Hold the battery firmly and do not drop it, otherwise it could be damaged permanently.

Removing the battery

To remove the battery, turn the key in the battery lock clockwise **[3]** so that the lock is open. You can now remove the battery by carefully sliding it from the holder counterclockwise.

You can find out more about using your STEPS battery at si.shimano.com.

Battery

Charging the battery
Charge the battery by plugging the charging cable of the supplied charger into the charging socket. To do this, the battery can be removed from the YOONIT, or it can be charged when mounted on the bike. **You can find detailed manufacturer information at si.shimano.com.**



Make a note of the key number of the battery lock in your service book, you can find it as an embossing on the back of the key bit. If you lose the key, you can request a replacement key from your service partner by quoting the number.

Please observe the manufacturer's operating and warning instructions (si.shimano.com) in order to avoid possible dangerous situations. The label on the charger supplied also contains important information on use.

If the system is switched on, you can read the charge status of the battery from the charge status lamps. Even when the system is switched off or the battery is removed, you can display the charge by pressing the button on the battery.

State of charge	Indication
100 % — 81 %	
80 % — 61 %	
60 % — 41 %	
40 % — 21 %	
20 % — 1 %	
0 %	

The battery draws attention to possible malfunctions by means of light and flashing patterns. You can find information on this in the instructions supplied.



Before you charge the battery, refer to the enclosed instructions for the electric drive to find out about the safety-related information on battery and system. There is a risk of electric shock if handled improperly! Always use original parts from the manufacturer and adhere to their safety information.

Never open the battery or charger; this could result in a short circuit and/ or electric shock! You will then lose your guarantee. Protect the battery from mechanical damage, heat (direct and prolonged sunlight), fire and immersion in water. There is a risk of explosion! Keep children away from the battery. Damage and improper use may cause toxic fumes to escape.

If your battery is defective, do not use or charge it anymore. Do not cover the charger during operation, there is a risk of a short circuit or fire!

Safety instructions for battery and charging



As part of the inspection, the electric drive should be checked by a service partner to ensure that it is working properly. If the electrical system has been damaged, remove the battery immediately to avoid further damage. Do not hesitate to contact your service partner or us if you have any questions or problems with the electrical system.



Always remove the battery when you want to transport it or carry out maintenance and repair work. You could inadvertently activate the electrical system, which can lead to injury.

Range

The range is influenced by the outside temperature, your driving style and the terrain in which you move. The battery lasts the longest in warm temperatures and with low support.

Physical processes at low temperatures reduce the range of your YOONIT. This is a normal characteristic and not a fault in your battery. The battery stores and outputs the full energy at warmer temperatures. Keep this in mind when planning and when driving in cool temperatures. Adjust the support level if necessary.

In cool outside temperatures, we recommend that you do not leave the battery on the bike, but rather store it at room temperature. If you insert the battery directly before starting your journey, it will hardly lose any energy and will warm itself up during the journey. This helps to increase your reach.

Wear

The life of the battery depends on various factors:

- the number of charging cycles
- the age of the battery
- the conditions during use

Even if you do not use your battery or use it little, its capacity will decrease over time. Your service partner can use the remote diagnosis from Shimano to read the status of your battery and the number of charging cycles.

You can find information on maintenance at Shimano at **si.shimano.com**

The service life of the battery is influenced by the type of use and the number of charging cycles. This affects the range that you can cover with your YOONIT. This is a normal process and does not represent a fault. If the range has been greatly reduced despite a charged battery, its service life has been exceeded. Exchange it for an original part from Shimano.

CARE AND CLEANING

To enjoy your YOONIT for a long time, regular maintenance and care is important. Follow these tips to gently clean your YOONIT. If you need any further assistance, please contact us at: **service@yoonitbikes.com**

Cleaning with clear water is ideal for your YOONIT. The frame can be polished well with a microfiber cloth.

Clean the seat with a damp cloth, more stubborn dirt can be removed with a soap-free cleaner. Do not use harsh detergents.

Only clean the Gates Carbon Drive with water. Unlike a chain, the belt does not need to be greased.

If necessary, you can wipe the contacts of the battery with a damp cloth. However, be sure to wait until you put the battery back in, as the contacts must be dry.



Before doing any work on your YOONIT such as maintenance or care, please remove the battery. Inadvertent activation of the electrical system can result in injury.



Cleaning with a high-pressure device can damage the electrical system. Due to the high pressure, cleaning fluid can also get into sealed parts and damage them.



Oil that gets on the brake discs or pads will degrade the braking effect. Prevent oil from coming into contact with brake discs or pads!

INSPECTION

Your YOONIT is a mechanical device and in everyday use it is exposed to high loads that result in wear and tear. For your safety and the lifespan of your bike, you should follow our instructions for regular inspections. Your service partner is the first point of contact for this.



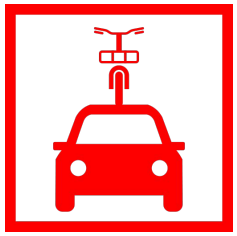
You will also find the service booklet in the scope of delivery, in which you can have the required service work entered.

Please note the maintenance and repair intervals that you will find in these operating instructions. They are part of the intended use. Your warranty on the YOONIT expires if the intended use is not adhered to.

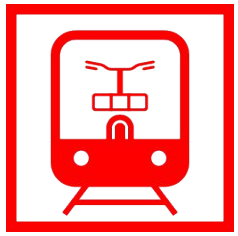
TRANSPORT



Air
The battery must be transported as dangerous goods and specially marked. Find out more from the airline. You should find out about the regulations for transporting bicycles/ e-cargo bikes on board an aircraft in advance.



Road
With enough cargo space or a suitable bike rack, you can take your YOONIT with you in the car. Do not transport the battery installed on the bike, but separately. If you are transporting it on a bike rack, attach the YOONIT securely.



Rails
Most of the time, the same rules apply as when transporting a normal bicycle. We recommend transporting the battery separately during the entire journey. In local public transport there are different regulations regarding the transport or taking of cargo bikes. Simply find out more from the route operator beforehand. In any case, you have the option of quickly removing your carrier and using the holding devices for normal bikes.

TIGHTENING TORQUES FOR SCREWS

Your YOONIT was assembled with great care and the screws tightened with the appropriate torques. It can happen that individual screws lose their pre-tensioning force due to setting processes and therefore have to be retightened. Your dealer will do this for you as part of the initial inspection. Screws must be loosened and tightened again during maintenance or adjustment processes. The tightening torques given in the table must also be observed here.

Type of component	YOONIT Classic	YOONIT Electric
Rear hub axle bolts	**35-40 Nm**	**35-40 Nm**
Adjustable dropouts	**13 Nm**	**13 Nm**
Frame opening	**13 Nm**	**13 Nm**
Square bottom bracket (Thun Jive)	**30 Nm**	—
Spider Lockring	—	**35-45 Nm**
Crank mounting screws	**47-54 Nm**	**12 Nm**
Chainring bolts	**12-16 Nm**	**12-16 Nm**
Pedals	**35-40 Nm**	**35-40 Nm**
Engine suspension	—	**10–12,5 Nm**
Handlebar clamp stem	**6–8 Nm**	**6–8 Nm**
Ahead stem clamping head tube	**6–8 Nm**	**6–8 Nm**
Stem adapter	**6-8 Nm**	**6-8 Nm**
Counter nut steering rod joint head	**16 Nm**	**16 Nm**
Steering rod attachment	**16 Nm**	**16 Nm**
Steering damper fastening screw	**16 Nm**	**16 Nm**
Brake lever	**3 Nm**	**3 Nm**
Caliper and adapter	**6–8 Nm**	**6–8 Nm**
Lockring brake disc	**40 Nm**	**40 Nm**
Saddle attachment	**8 Nm**	**8 Nm**

WARRANTY AND GUARANTEE

Liability for defects
Your bike has been manufactured with great care and will largely be handed over to you pre-assembled. In order to guarantee the intended durability and service life, the bicycle must only be used for its intended purpose. According to the law, we undertake to deliver bicycles that are not defective, so that their value and suitability are not impaired.

During the first 2 years after purchase, you are entitled to the statutory warranty. For this purpose, keep the proof of purchase and the documents carefully.

The instructions for assembly (e.g. torque of the screws) and the described inspection in the prescribed maintenance intervals must be observed.

We wish you a good trip and lots of fun with your YOONIT. If you have any questions, we are there for you:

+49 40 53027341 and
hello@yoonitbikes.com

AFTER THE LAST TRIP

Your YOONIT was designed in such a way that you can enjoy it for as long as possible. With good care, it can be with you for many years. At some point, however, the time will come when a repair is no longer possible or no longer makes economic or ecological sense. Then your YOONIT must be shut down and properly disposed of. Only in this way can the materials used be fed back into the material cycle, from which new things can arise.

Disposal of the battery
Batteries that are no longer usable must be collected separately in accordance with European Directive 2006 & 66/ EC and recycled in an environmentally friendly manner. Your specialist dealer will help you dispose of your battery.

Frame and bicycle components
Electrical and electronic equipment that can no longer be used must be recycled in an environmentally friendly manner, in accordance with EU Directive 2012/19/EU. This includes the electronic components, the drive unit of your YOONIT Electric and also the battery charger. In Germany, you can return your YOONIT to municipal collection points for professional disposal at the end of its service life.



Never dispose of your used battery in the normal household waste!



As a rule, you are not allowed to send the battery as a parcel! If in doubt, ask your shipping service provider for more information.

IMPRINT

Publisher

uuio GmbH
Baakenallee 39
20457 Hamburg
Germany

+49 40 53027341
hello@yoonitbikes.com
yoonitbikes.com

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uuio GmbH
Matthias Oertel
Shimano
Busch und Müller

Illustrations
uuio GmbH

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The operating instructions for your YOONIT can only be accessed digitally. This makes ecological sense and we can guarantee that it can be constantly updated and that you are always up to date.

Of course, you can also print it out yourself. But please pay attention to whether it is absolutely necessary.

These operating instructions cover the requirements and scope of DIN EN 79010: 2020-02 and DIN EN 15194: 2018-11.

For delivery and use outside of these areas, the manufacturer of the vehicle must include the necessary instructions.