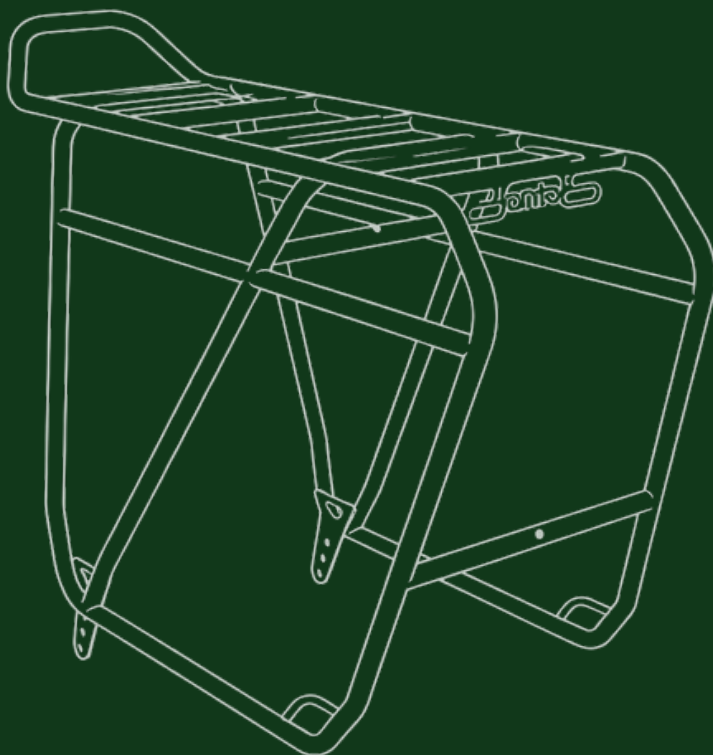




*The product batch number is
located on the frame sticker
attached to the rack.*

USER MANUAL

A step by step user guide to get started using
anto Tragfläche



Version 1.0, August 2026

Upgrade your bike

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Welcome to



Thank you for choosing the **anto Tragfläche**.

Designed with a generous platform, it opens up new possibilities for carrying luggage, groceries, camping gear, family essentials, and everything else your journey demands.

The anto Tragfläche was developed to deliver maximum stability while preserving a clean, timeless design. A larger rack should not have to mean a heavier one.

So we took a different path



**More info:**

www.anto.de

A luggage platform that offers:

- Durability built to last
- Generous loading capacity
- Outstanding stability
- Lightweight
- Versatile everyday use



Crafted from precisely manufactured 12 mm stainless steel tubes, the anto Tragfläche forms an exceptionally torsion-resistant structure that remains lightweight, durable, and visually refined.

Important safety notes

Your safety comes first.

**Please read the following points carefully
before installing or using the anto
Tragfläche.**

Taking a few minutes to review these points now means safer rides, a bike that stays in better condition, and a rack that can perform consistently for years to come.



Secure cargo

Carry your gear securely with proper load distribution and attachment.



Protect your bike

Prevent damage to your bicycle frame and components during use.



Reliable performance

Enjoy consistent, dependable performance ride after ride.

Before every ride

- ✓ Check all mounting bolts are tightened to the specified torque
- ✓ Ensure the load does not exceed the maximum weight capacity
- ✓ Verify cargo is evenly distributed and securely fastened
- ✓ Inspect the rack for visible damage or deformation
- ✓ Confirm the rack does not interfere with braking or steering

Important

These notes will help you carry your gear securely, protect your bicycle, and enjoy reliable performance ride after ride.

Scope of functions

The **anto Tragfläche** expands your bicycle's transport capabilities with a particularly large and stable loading surface. The construction is made up of high-quality 12 mm stainless steel tubes that combines high load capacity with low weight and a clean, timeless look.

The open design allows luggage, bags, crates, and other accessories to be attached flexibly.

This makes the **anto Tragfläche** equally suitable for everyday use, travel, shopping, and leisure.



Everyday transport

Carry more, every day.

Transport groceries, work equipment, backpacks, or everyday essentials safely and comfortably.



Adventure Ready

Built for every journey.

Perfect for bikepacking, touring, camping, or weekend adventures with plenty of room for your gear.

Flexible Loading

Adapt to every load.

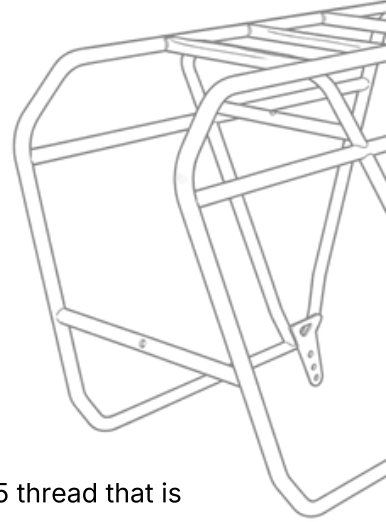
The open platform design allows bags, crates, boxes, and accessories to be secured in multiple ways.



Requirements

01. Requirements for your Bike & Frame

Check that your bicycle frame meets the following mounting and compatibility requirements before installation



Mounting area 1



Rear axle area

You need at least 2 mounting points in the rear axle area. Using an M6/M5 thread that is accesible from the outside.

If those are not present, there are adapters for a quick release or through axle mount. (for ex. Robert Axle Project...)

Mounting area 2



Frame / mudguard

Seat stays with threads accesible from the outside or mudguard with rack mounting ability, preferebly Hebie Alumee (link), various adapters for seat post or seat stay connector mount but it compromises in strength and stability

Wheel size



26" – 36"

Compatible with wheel sizes from 26 to 36 inches (with extension adapters).

Max. recommended system weight of bike / frame



120 kg / 150 kg

Bike + rider + cargo: 120 kg standard, 150 kg for e-bikes with appropriate frame rating.

Rear axle width



135 – 190 mm

Fits quick-release and thru-axle hubs from 135 mm to 190 mm spacing (With No-Boost Adapter).

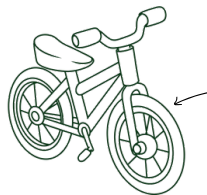
02. Requirements for your Tire & Rim

Your wheel setup must meet the following requirements.



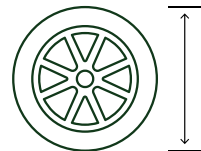
120 kg+

Recommended bike /
frame system weight



Max. 5 inch

Tire width



Up to 36 inch

Wheel diameter

03. Carrying a child on the carrier platform



No passengers on the carrier platform

It is forbidden to carry a person, child or animal directly on the Tragfläche carrier platform.

Reasons

- The mounting set we are sourcing from Tubus is limited to 26 kg.
- The durability of the frame, mounting points and integrated threads cannot be guaranteed.
- The carrier is not designed for transporting people.
- Improper use may affect safety and product integrity.



A **compatible child seat** may be used only when it is installed **independently** from the Tragfläche and approved for the specific bicycle and mounting configuration.

Preparation



1. Prepare your workplace

Before assembly, place your bicycle on a flat, clean, and well-lit surface.



2. Check components and mounting points

Check that all required components are present and that the necessary mounting points are available on the bicycle.



3. Check your bicycle

Also check the technical condition of your bicycle and the permitted total system weight.

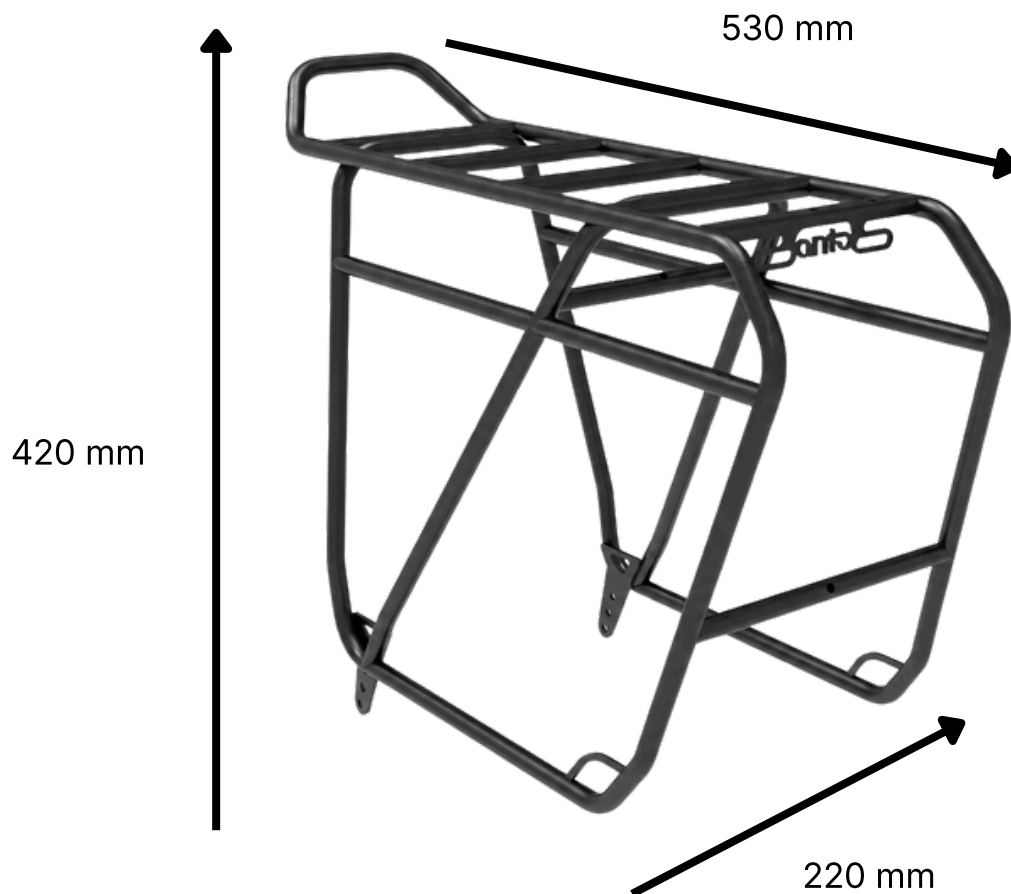


Careful preparation makes assembly easier and helps ensure the safe use of the **anto Tragfläche**.

Spec's

Dimensions, materials and more - everything you need to know about your Tragfläche.

Dimensions



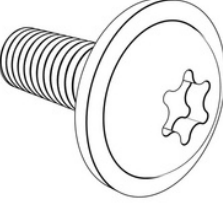
Weight - 1.19 kg

Max load capacity - 25 kg

Material and Finish - 1.4307 stainless steel powder coated

Installation

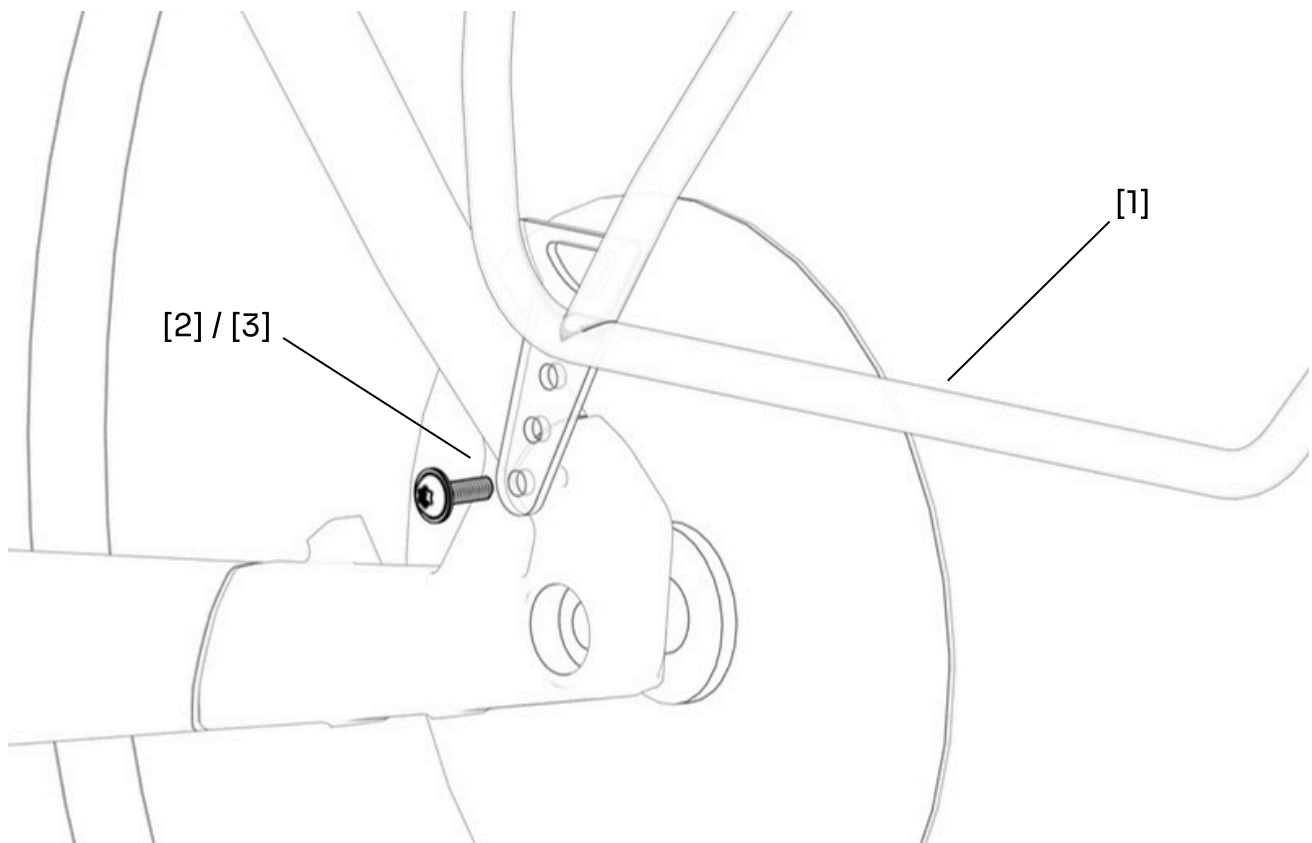
01. Basic Equipment

[1] 1 x anto Tragfläche OEM OR Tragfläche Lite 	[2] 2 x M6 x 14 	[3] 2 x M5 x 14 
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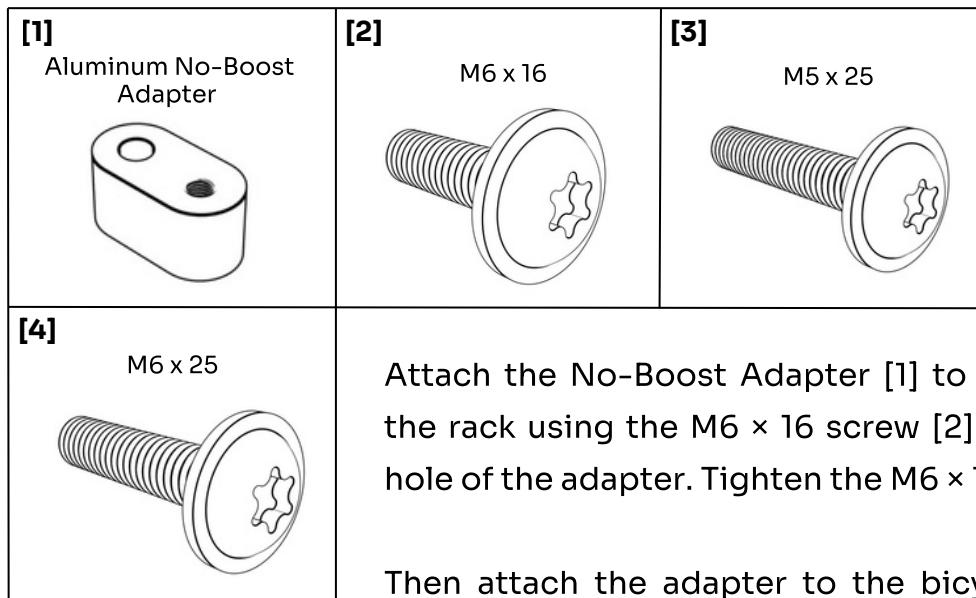
Attach the anto Tragfläche [1] to both bicycle dropouts using the mounting hole that best fits the frame.

Use either the M6 × 14 screws [2] or the M5 × 14 screws [3], depending on the thread size of the bicycle.

Repeat the installation on both sides, align the rack and tighten both screws to the specified torque: 6.8 Nm for M6 screws or 5 Nm for M5 screws.



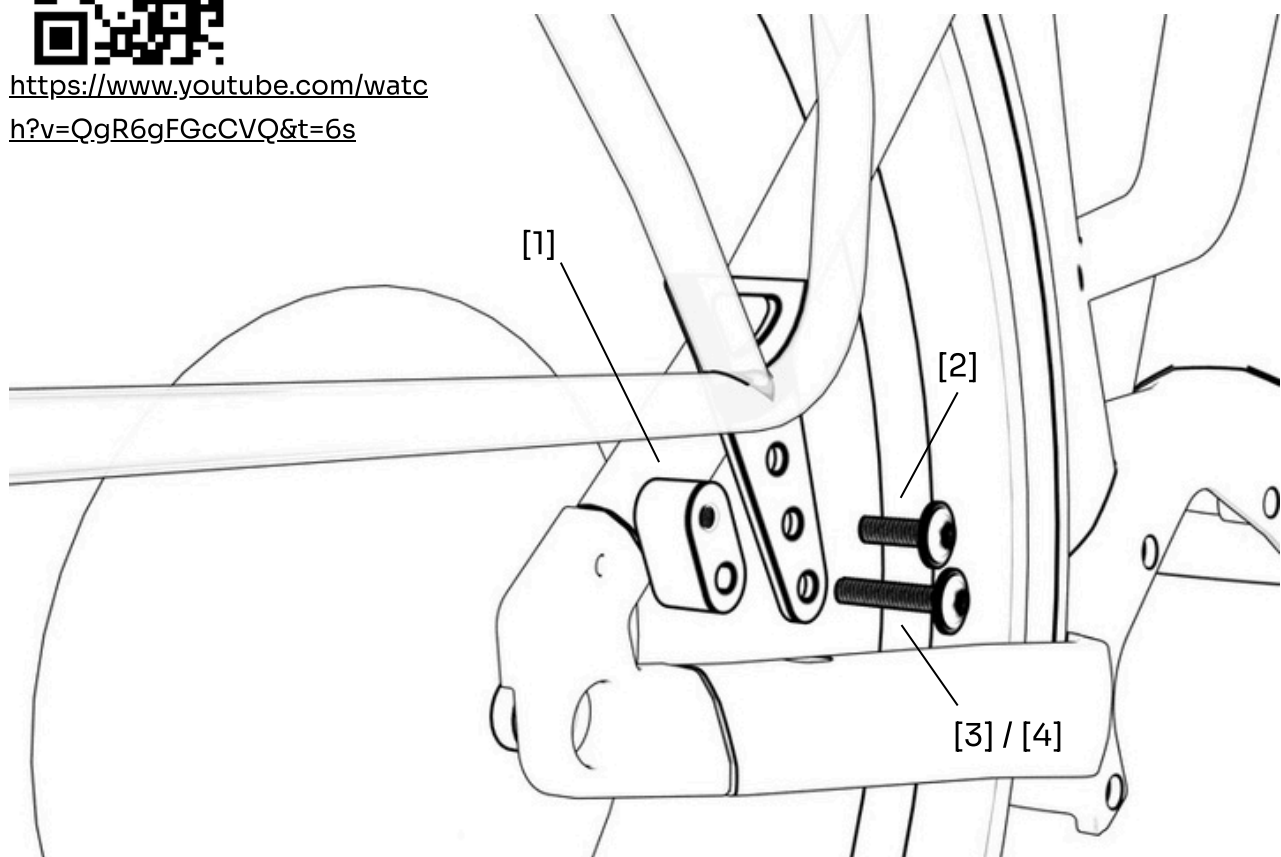
02. No-Boost Adapter



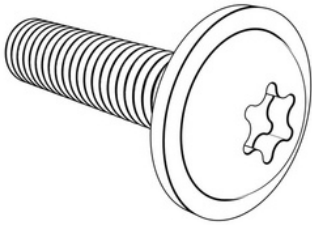
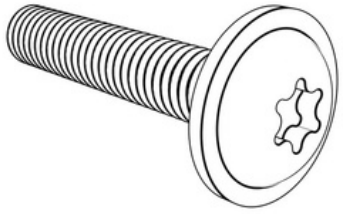
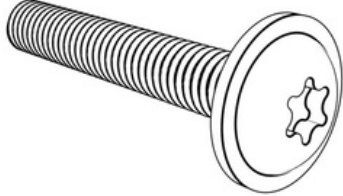
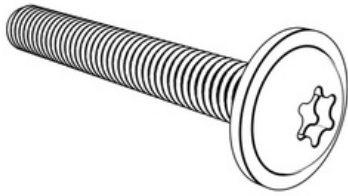
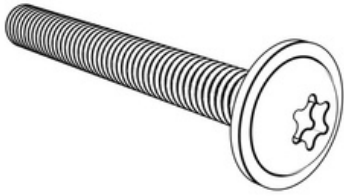
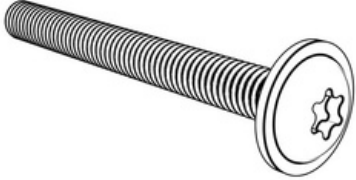
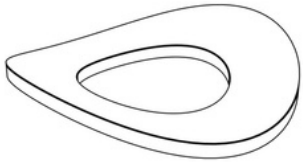
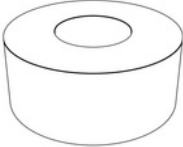
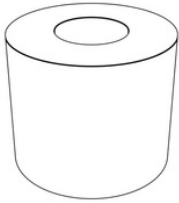
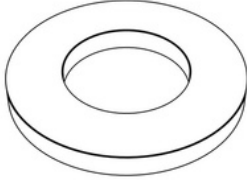
Check for more information:



<https://www.youtube.com/watch?v=QgR6gFGcCVQ&t=6s>



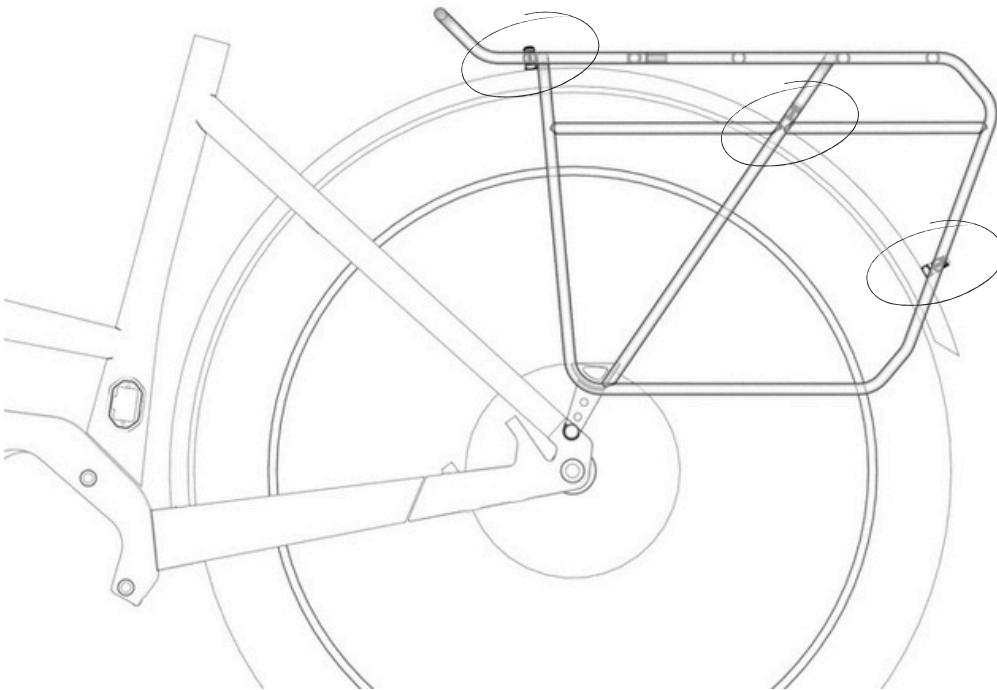
03. Mudguard Installation

[1] self locking nut M5 	[2] M5 x 20 	[3] M5 x 25 
[4] M5 x 30 	[5] M5 x 35 	[6] M5 x 40 
[7] M5 x 45 	[8] Bended washer M5 	[9] Spacer 2,5 mm  5 mm  10 mm 
[10] M5 washer 		



Suggested installation order:

1. Test-fit the mudguard and Tragfläche to ensure correct positioning.
2. Mark the locations of the three mounting holes on the mudguard.
3. Remove the mudguard, drill the marked holes, and carefully deburr them.
4. Reinstall the components and complete the final installation.



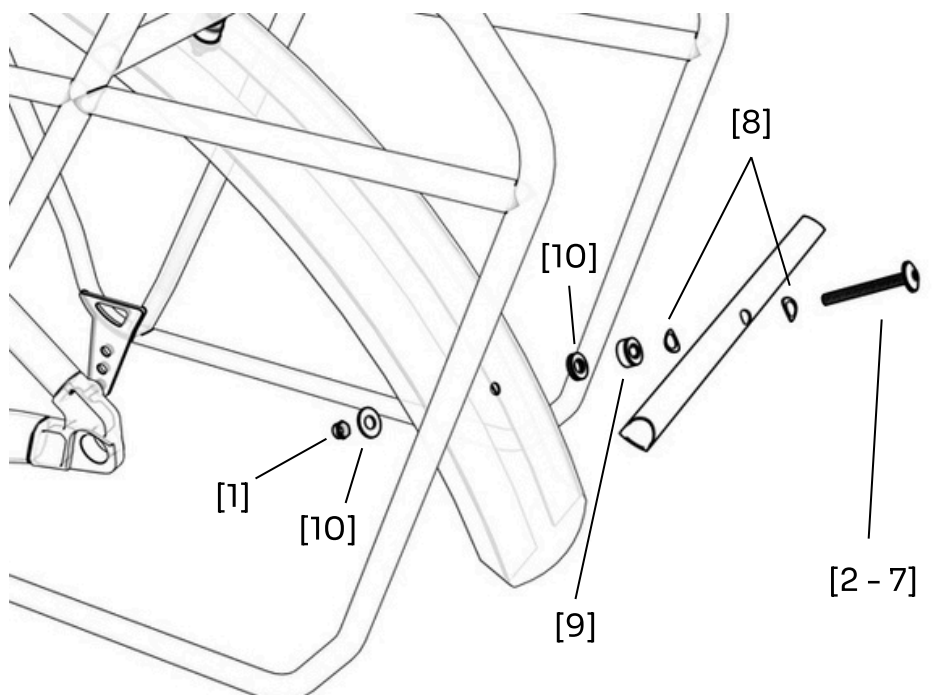
Attach the anto Tragfläche to the mudguard's protective plate at the three marked mounting points.

Use an M5 screw [2-7] in the required length, together with the M5 washer [10], bent washer [8], suitable spacer [9] and self-locking M5 nut [1].

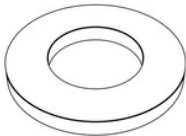
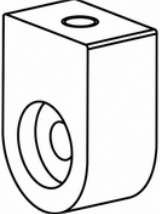
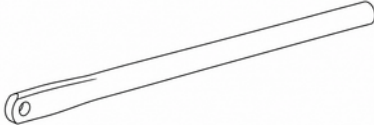
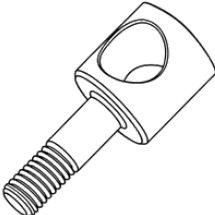
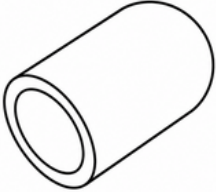
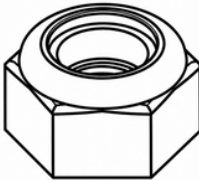
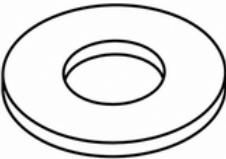
Use the centre holes in the rack tubes to mark the mounting positions.

If necessary, drill the corresponding holes in the protective plate.

Repeat the process at all three points, align the rack and tighten the connections to the specified torque of 5 Nm for M5 screws.



04. Frame Installation – Mounting set

[2] 6 x - Art. 41512 - 16K M5 x 12 mm - ISO 4762-A2-70 	[3] 4x - Art. 40150 - M5 - 5,3 x 10 mm - ISO 7090-140 HV-A2 	[4] 2x - Art. 30111 
[5] 2x - Art. 32401 - 240 mm 	[6] 2x - Art. 30211 - M5 x 16mm 	[7] 2x - Art. 71008 - 8mm 
[8] 2 x - Art. 41051 - M5 - ISO 10511-A2-70 	[9] 4x - Art. 40150 - M5 - 5,3 x 10 mm - ISO 7090-140 HV-A2 	

Check for a video explanation:



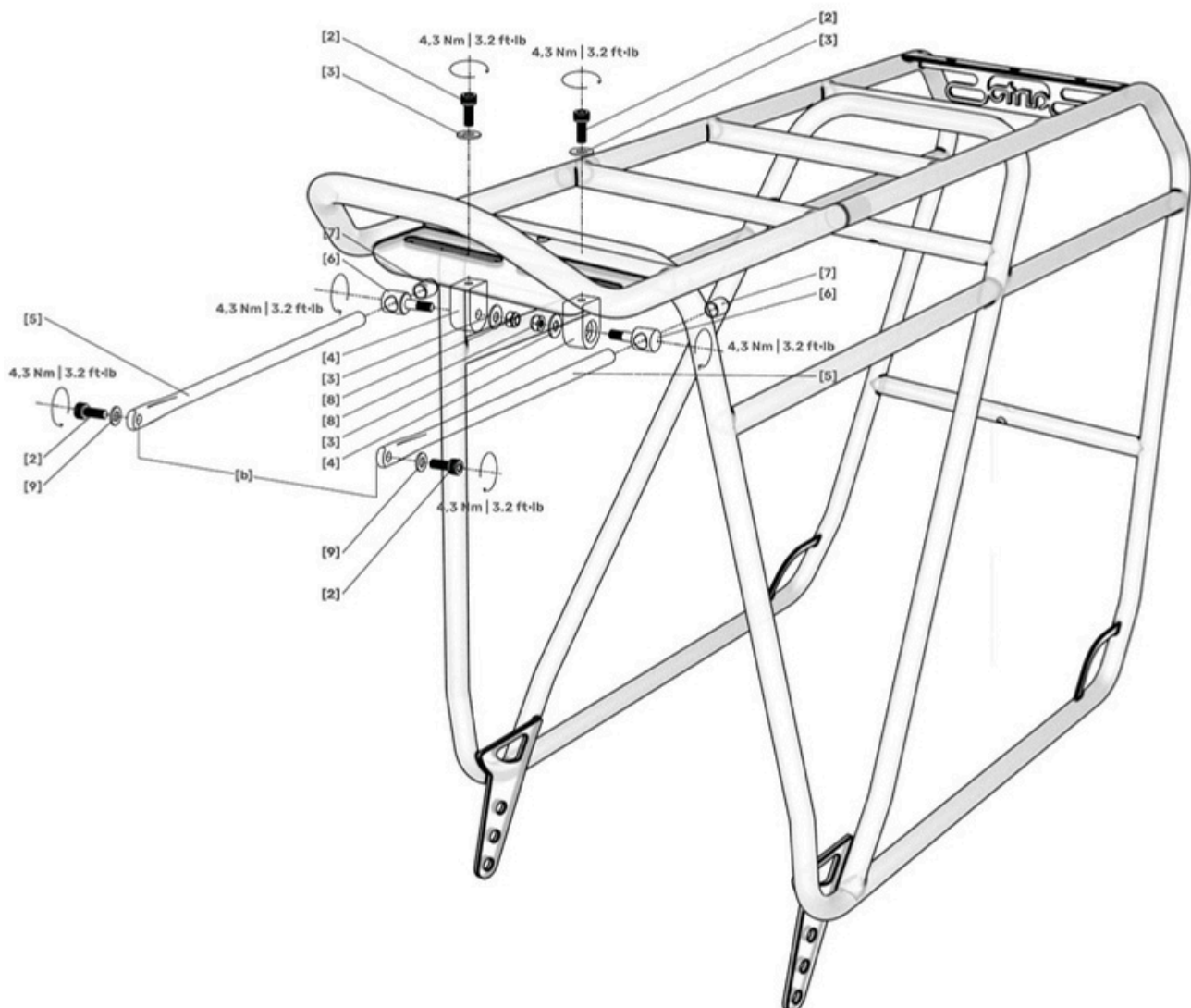
<https://www.youtube.com/watch?v=OGVws09rgWk>

Position the two mounting blocks [4] underneath the front section of the rack. Insert the eye bolts [6] through the blocks and place the 8 mm sleeves [7] as shown in the illustration.

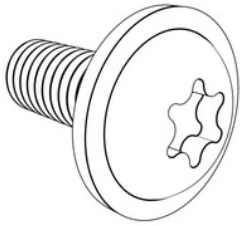
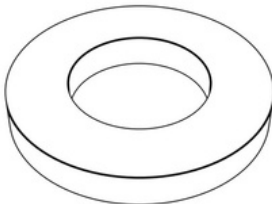
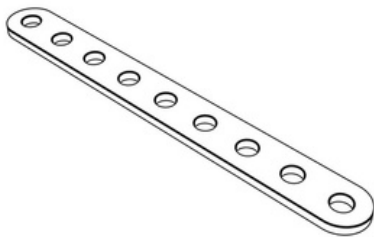
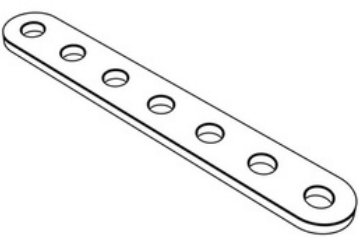
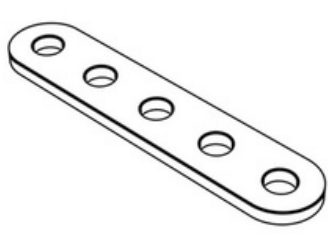
Attach one support rod [5] on each side and select the position that keeps the rack centred and level.

Secure the connections using the M5 × 12 mm screws [2], washers [3]/[9] and M5 self-locking nuts [8], following the sequence shown.

Tighten all parts lightly first and align both sides evenly. Finally, tighten the marked connections to 4.3 Nm and check that the mounting set is firmly secured.



05. Extension Installation

[1] M6 x 14 	[2] M6 self locking nut 	[3] M6 washer 
[4] 9 hole 75_105mm_Adapter 	[5] 7 hole 45_75mm_Adapter 	[6] 5 hole 15_45mm_Adapter 

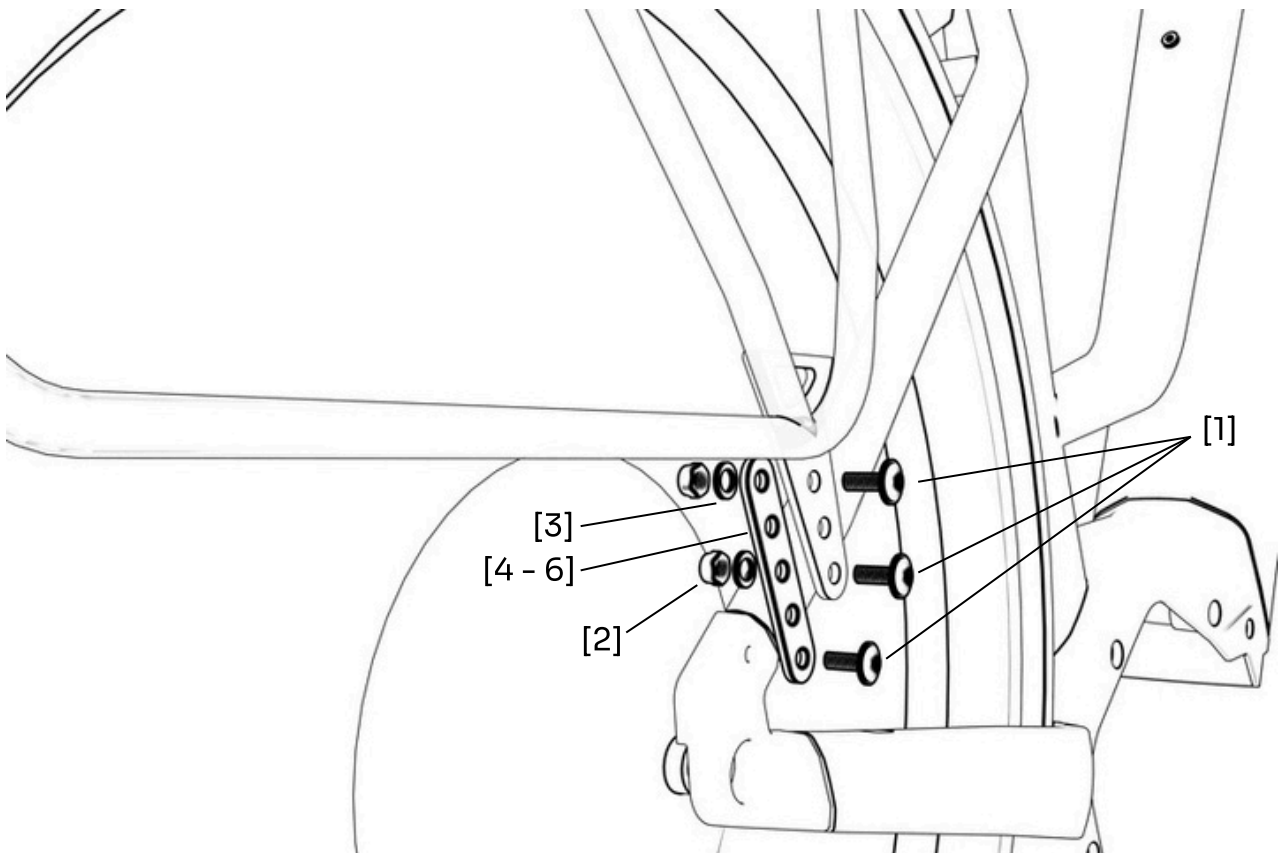
Check for a video explanation:



<https://www.youtube.com/watch?v=TIBhiu3sGQo>

Select the extension adapter according to the distance required between the rack and the bicycle frame: 15–45 mm [6], 45–75 mm [5] or 75–105 mm [4].

Position the selected adapter between the rack mounting plate and the bicycle dropout. Choose the adapter holes that provide the correct rack height and alignment.



Attach the adapter to the rack and bicycle using the M6 × 14 screws [1], M6 washers [3] and M6 self-locking nuts [2], following the arrangement shown in the illustration.

First tighten the connections lightly so the rack can still be adjusted. Repeat the installation on the other side, check that the rack is centred and level, and then securely tighten all screws and nuts to the specified torque: 6.8 Nm for M6 screws or 5 Nm for M5 screws.

Before the first ride

A quick check now ensures a safer and more enjoyable ride.



Secure Installation

Confirm all mounting points are tightened to the specified torque and the rack is securely installed.



Secure Load

Confirm the load is secured and positioned according to the “Load Correctly” section.



Bike Check

Ensure your bicycle is in good technical condition and safe to ride



Visibility

Check that lights and reflectors are visible and not covered by the load.

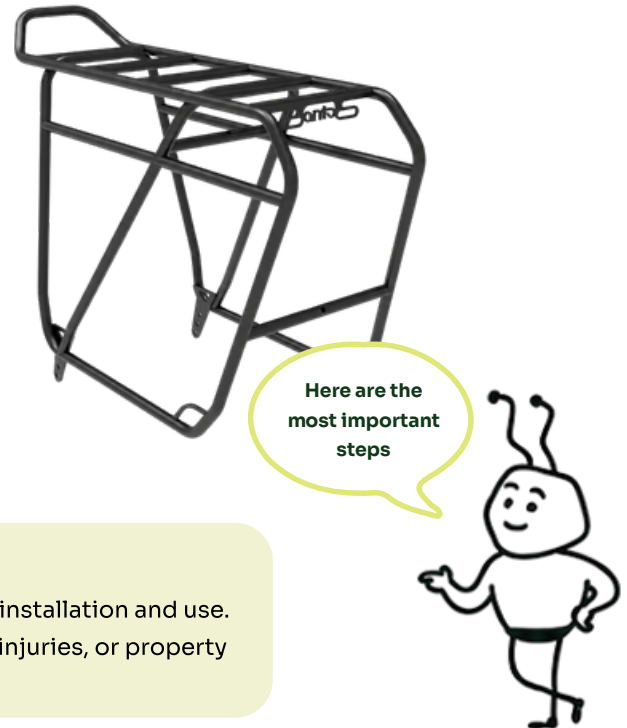


Ready to ride

Instructions

How should you use your Tragfläche, what can it do, what can you do, and what can your bike do?

We'll show you what to pay attention to so that you do not endanger yourself, other people, other road users, or your surroundings.



Important!

Please read these instructions completely before first installation and use. Failure to follow them may result in accidents, serious injuries, or property damage.

Intended use

- The Tragfläche is intended for transporting items within the technical specifications.
- Do not carry persons, children or animals directly on the carrier platform. Do not exceed the permitted load or use the carrier on an unsuitable bicycle.

Requirements & Compatibility

- Before use, make sure the bicycle meets all compatibility requirements described in the "Requirements" section of this manual.
- Use only on bicycles with suitable and stable mounting points and do not exceed the permitted bicycle and system weight.
- If in doubt, consult the manufacturer's information, the manual, or the FAQ.

Installation & Mounting

- Follow the installation method shown in this manual.
- Observe the specified tightening torques. Check the fit and mounting after installation.
- Not permitted: improvised solutions or self-made constructions and modifications to the product or bicycle frame.
- Incorrect installation can lead to system failure and accidents.

Load Correctly

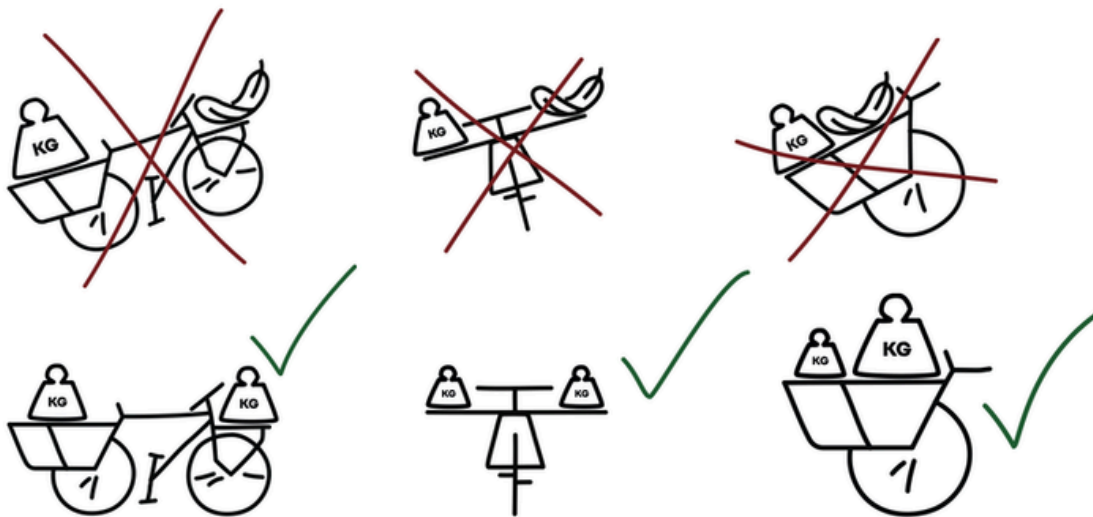
Improper loading can lead to loss of control.

- Place heavy loads as close as possible to the center of gravity and as far forward as possible.
- Distribute the weight evenly on both sides.
- Of the total permitted load, no more than 8 kg should be positioned behind the rear axle.
- Distribute the weight: if possible, also load a front rack.
- Maximum total load of the Tragfläche: 25 kg.



Warning:

Loads placed too far to the rear can impair steering stability and may cause the front wheel to lift. This can lead to falls, accidents, and danger to life and limb.



Securing the Load

- Every load must be secured against slipping and falling off.
- Use suitable securing devices (e.g. tension straps).
- Place bulky loads as centrally as possible.
- For a surfboard or similar item, use several straps and ensure weight balance.
- Use the mounting points and secure luggage crosswise and all around.
- When using panniers, check the locking mechanism.
- Ensure that straps, bags and loose parts cannot come into contact with the wheels, spokes, chain, brakes or other moving components.



Risk:

Insufficiently secured loads can lead to accidents.

Riding behavior & Familiarization

- The Tragfläche changes the bike's riding behavior.
- Longer braking distance.
- Shifted center of gravity.
- Reduced maneuverability and riding stability.
- Adapt your riding style, reduce speed, ride defensively and anticipate traffic.
- Carry out your first riding attempts and braking tests in a safe environment.
- Practice riding with a loaded rack before riding in road traffic.

Increase responsibility

- If heavily loaded or if you feel unsafe while riding, get off and push the bike.
- If using an independently mounted, compatible child seat, ride with extra caution and follow the child-seat and bicycle manufacturer's instructions.
- For large or heavy loads, consider using a cargo bike or trailer instead.



Extra Caution in Traffic

- Other road users may not correctly anticipate the changed riding behavior.
- Expect a longer braking distance.
- Expect reduced ability to avoid obstacles.
- Brake early.
- Keep greater distance from other road users.
- Do not make abrupt braking or steering maneuvers and avoid risky riding maneuvers.



No modifications allowed

Any modifications to the product are not permitted.

→ **Warranty / liability becomes void**

Disclaimer

The manufacturer is not liable for damage resulting from improper installation, misuse, overloading, insufficient maintenance or unauthorized modifications.

Use is at your own responsibility.

Final Note

Use the Tragfläche responsibly, according to your abilities and the specific situation.

If in doubt:

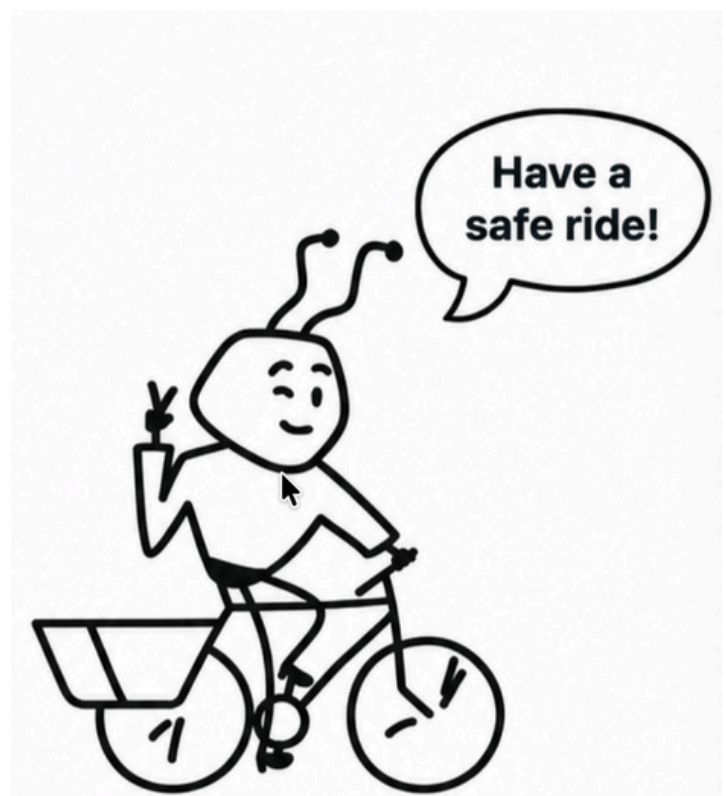
Safety comes before transport –
when in doubt, get off and push.

Residual Risks

Even when used as intended, unavoidable risks remain:

- Falls due to the shifted center of gravity.
- Loss of control during to incorrect loading.
- Material failure in case of overload or improper use.

These risks cannot be completely eliminated.



Care & Cleaning

Designed for everyday use.

Minimal maintenance. Maximum durability.

01. Regular Cleaning

- ✓ Remove dirt and dust with a soft cloth and warm water.
- ✓ For heavier dirt, use a mild pH-neutral detergent
- ✓ Avoid abrasive cleaners, steel wool or aggressive chemicals as they may damage the surface finish.

02. Built to Last

- ✓ The anto Tragfläche is made from high-quality stainless steel. It offers excellent durability and corrosion resistance.
- ✓ With proper care, the surface finish resists scratches and corrosion for years, keeping the rack looking and performing like new.



03. Regular Inspection

- ✓ Check the rack regularly for loose bolts
- ✓ Re-tighten all mounting bolts whenever necessary to the specified torque.



Use & Inspection

Ensure carrier reliability over time with regular checks and proper use.

Intended Use

The **anto Tragfläche** is designed for carrying securely fastened luggage. Do not use the carrier if it is damaged, incorrectly mounted, overloaded or modified.

Inspect the carrier regularly, especially after heavy loads, long rides or rough road conditions.

Damaged or deformed components must be replaced before further use.

After impact or unusual noise

Stop using the carrier if you notice unusual movement, rattling, vibration, impact damage or a change in riding behaviour.

If you are unsure, have the installation **checked** by a qualified bicycle mechanic.



A **loaded bicycle** may handle differently when braking, cornering or riding slowly.

Adapt your **riding style** and make sure the weight remains **stable** during the ride.

MEET anto

Your bike. Just smarter.



anto Tragfläche creates smart bicycle accessories for
everyday life and adventure.



<https://linktr.ee/antocomponents>

Join our
community

Warranty & Service

Clear conditions and proper use helps ensure reliable support.



Warranty coverage

Covers material and manufacturing defects under intended use.



Not covered

Damage from incorrect installation, overloading, misuse, unauthorized modifications or normal wear is excluded.



Service

If parts are loose, bent or damaged, stop using the product and replace defective components before further use.



For service work, contact a qualified bicycle dealer or anto support.

Disposal & Recycling

Please dispose of packaging materials and end-of-life product components responsibly in accordance with your local waste management regulations.

Packaging Materials



Separate cardboard packaging, paper inserts, and protective bags. Dispose of paper and cardboard in designated municipal paper recycling bins, and place plastic protective films in appropriate plastic recycling containers.



Luggage Rack (Stainless Steel)

The carrier is made from high-grade, 100% recyclable stainless steel. Do not dispose of the rack in general household waste. At the end of its product life, take the rack to a municipal recycling center or a metal recycling facility to ensure proper material recovery.

Contact & Support

We are happy to help you with installation, compatibility, and service questions.

To help us assist you, please have the product name, bicycle model or frame details, a description of the issue, clear photos of the setup, and proof of purchase ready. Clear information helps us support you better.

In the event of any safety-related defects, incidents, or accidents, please report them immediately to Kronfeld Engineering via **info@anto.de**



Contact



www.anto.de



info@anto.de



Kronfeld Engineering
Inhaber: Karl Kronfeld
Hauptstr. 9
16259 Beiersdorf-Freudenberg

