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## ATERA 022700

# ATERA Strada Evo 2 022700 Bicycle Tow Bar Rack User Manual

Model: 022700

## INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your ATERA Strada Evo 2 022700 Bicycle Tow Bar Rack. Please read this manual thoroughly before installation and operation to ensure proper function and safety.

The ATERA Strada Evo 2 is designed for secure transport of bicycles on vehicles equipped with a tow bar. It features a robust construction with high-grade aluminum components and a user-friendly design for easy mounting and bicycle loading.

## SAFETY INFORMATION

### Important Safety Instructions:

- Always ensure the rack is securely attached to the tow bar before loading bicycles.
- Do not exceed the maximum load capacity of 60 kg.
- Ensure all bicycles are properly secured to the rack using the provided straps and clamps.
- Check all connections and fastenings regularly, especially before and during long journeys.
- Be aware of the increased vehicle length and height when the rack and bicycles are mounted.
- Drive cautiously, especially when cornering, braking, and in windy conditions.
- The rear lights must be visible and functional. Ensure the rack's lights are connected and working.
- Refer to your vehicle's owner's manual for specific tow bar load limits and recommendations.

## PRODUCT COMPONENTS

The ATERA Strada Evo 2 022700 Bicycle Tow Bar Rack includes the following main components:

- Main frame with tow bar coupling mechanism
- Wheel trays with adjustable straps
- Detachable, lockable frame holders (distance holders)

- Integrated rear lights and license plate holder
- Electrical connector for vehicle (7-pin or 13-pin, depending on model/adaptor)
- Keys for locking mechanism



Image: Overview of the ATERA Strada Evo 2 Bicycle Tow Bar Rack, showing its main frame, wheel trays, and integrated rear lights.

## SETUP AND INSTALLATION

Follow these steps to correctly install the ATERA Strada Evo 2 on your vehicle's tow bar:

1. **Prepare the Tow Bar:** Ensure the tow bar is clean and free of grease or dirt.
2. **Mount the Rack:** Position the rack over the tow ball. Engage the coupling mechanism by pressing down firmly until it locks into place. A click sound indicates secure attachment.
3. **Check Security:** Attempt to lift the rack to confirm it is firmly attached and does not wobble.
4. **Connect Electrical Plug:** Insert the electrical plug from the rack into your vehicle's tow bar socket.
5. **Test Lights:** Verify that all rear lights (brake lights, turn signals, tail lights) on the rack are functioning correctly.
6. **Adjust Wheel Trays:** Adjust the position of the wheel trays to accommodate the wheelbase of your bicycles.
7. **Install Frame Holders:** Attach the detachable frame holders to the main support frame. These will secure the bicycle frames.



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eBike

Image: The ATERA Strada Evo 2 rack securely mounted on a vehicle's tow bar, viewed from the front.



Image: Diagram illustrating the key dimensions of the ATERA Strada Evo 2 rack, including width and height, important for vehicle clearance.

## OPERATING INSTRUCTIONS

### Loading Bicycles

1. **Position First Bike:** Place the first bicycle into the inner wheel trays.
2. **Secure Frame:** Use a detachable frame holder to clamp the bicycle's frame securely to the main support bar. Ensure the clamp is tight but does not damage the frame.
3. **Secure Wheels:** Fasten the wheels into the wheel trays using the provided straps.
4. **Load Additional Bikes:** Repeat the process for additional bicycles, ensuring even weight distribution and that bikes do not interfere with each other. The rack can be extended to carry up to 3 bikes.
5. **Final Check:** Before driving, double-check all frame holders and wheel straps for tightness. Ensure no parts of the bicycles are obstructing vehicle lights or license plate.

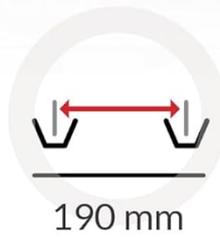
### Tilting Function (for trunk access)

The ATERA Strada Evo 2 features a convenient tilt function allowing access to your vehicle's trunk even with bicycles loaded.

- To tilt the rack, locate the release mechanism (often a foot pedal or lever) near the tow bar coupling.
- Activate the release and gently tilt the rack downwards.
- After accessing the trunk, push the rack back up until it locks securely in its upright position.



max 24"



190 mm



Ø 25 - 80 mm

Image: Close-up view of the bicycle frame and wheel attachment points on the ATERA Strada Evo 2, showing how bikes are secured.

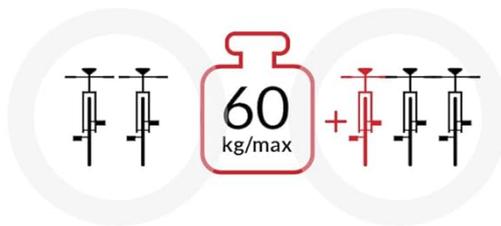


Image: Diagram illustrating the maximum load capacity of 60 kg for the ATERA Strada Evo 2, and how it can accommodate multiple bicycles.



Image: Sequence showing the tilting function of the ATERA Strada Evo 2, allowing access to the vehicle's trunk even with bikes loaded.

## MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your ATERA Strada Evo 2 rack.

- **Cleaning:** Clean the rack with mild soap and water after use, especially if exposed to road salt or dirt. Rinse thoroughly and dry.
- **Lubrication:** Periodically lubricate moving parts, such as the tilting mechanism and locking points, with a suitable lubricant to ensure smooth operation.
- **Inspection:** Regularly inspect all bolts, nuts, straps, and clamps for wear, damage, or looseness. Tighten any loose fasteners. Replace worn or damaged parts immediately.
- **Electrical Connections:** Keep the electrical plug and socket clean and dry. Apply dielectric grease to the pins if necessary to prevent corrosion.
- **Storage:** When not in use, store the rack in a dry, protected area to prevent corrosion and damage.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Rack wobbles on tow bar	Not securely clamped; tow ball dirty/greasy	Ensure coupling mechanism is fully engaged. Clean tow ball thoroughly.
Lights not working	Electrical plug not fully inserted; blown fuse in vehicle/rack; damaged wiring	Check plug connection. Inspect vehicle and rack fuses. Check for visible wiring damage. Consult a professional if needed.
Bicycles not stable	Frame holders or wheel straps loose/incorrectly positioned	Tighten all frame holders and wheel straps. Ensure bikes are positioned correctly and evenly.
Tilting mechanism stiff	Lack of lubrication; dirt/debris	Clean and lubricate the tilting mechanism.

## SPECIFICATIONS

- **Model:** ATERA Strada Evo 2 022700
- **Mounting Type:** Rear, Tow Bar
- **Load Capacity:** 60 kg (132.3 lbs)
- **Number of Bikes:** 2 (extendable to 3)
- **Dimensions (L x W x H):** 42.52 x 12.99 x 23.23 inches (approx. 108 x 33 x 59 cm)
- **Item Weight:** 35.9 pounds (approx. 16.3 kg)
- **Material:** High-grade aluminum, stainless steel
- **Color:** Silber (Silver)
- **Lights:** Integrated rear lights with modern clear-class look
- **Features:** Detachable, lockable distance holders; Roll bearing pull-out for smooth operation; Tilting function for trunk access.

## WARRANTY INFORMATION

The ATERA Strada Evo 2 022700 Bicycle Tow Bar Rack comes with a **3-year warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship under normal use.

The warranty does not cover damage caused by improper installation, misuse, neglect, accidents, modifications, or normal wear and tear. Please retain your proof of purchase for warranty claims.

## CUSTOMER SUPPORT

For technical assistance, spare parts, or warranty claims, please contact ATERA customer support through their official website or authorized dealers.

**Website:** [www.atera.de](http://www.atera.de)

