## Allen QS2

# Allen Sports Deluxe+ 2-Bike Trunk Mounted Carrier (Model QS2)

Instruction Manual

## Introduction

Thank you for choosing the Allen Sports Deluxe+ 2-Bike Trunk Mounted Carrier, Model QS2. This carrier is designed to provide a secure and convenient way to transport up to two bicycles on most sedans, hatchbacks, minivans, and SUVs. Please read this manual thoroughly before installation and use to ensure safe operation and proper maintenance of your bike rack.

Key features include:

- Simple, sturdy design compatible with a wide range of vehicles.
- Patented quick-snap setup for fast installation.
- Individual dual tie-downs for securing and protecting bicycles.
- Fully assembled for immediate use.
- Padded lower frame and side straps for vehicle protection and stability.




Image: The Allen Sports Deluxe+ 2-Bike Trunk Mounted Carrier, Model QS2, securely installed on the trunk of a white sedan, ready for bicycle transport.

## Important Safety Information

**WARNING: Failure to follow these instructions can result in property damage, serious injury, or death.**

- Always ensure the carrier is securely attached to your vehicle and all straps are tightened before each use.
- Verify that bicycles are properly secured to the carrier using all provided tie-downs.
- Do not exceed the maximum load capacity of 100 lbs (45 kg) or two bicycles.
- Check local and state laws regarding bicycle transport, including visibility of license plates and taillights.
- Avoid driving over rough terrain or at excessive speeds when the carrier is loaded.
- Periodically inspect the carrier for wear, damage, or loose components. Do not use if damaged.
- Keep children away from the carrier during installation and loading.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 Warning).

## Setup and Installation

The Allen Sports Deluxe+ carrier comes fully assembled for quick setup. Follow these steps for proper installation on your vehicle.

### 1. Vehicle Compatibility Check

This carrier is designed to fit most sedans, hatchbacks, minivans, and SUVs. It is crucial to consult the manufacturer's website or the Allen Sports fit list to confirm compatibility with your specific vehicle make and model before installation.

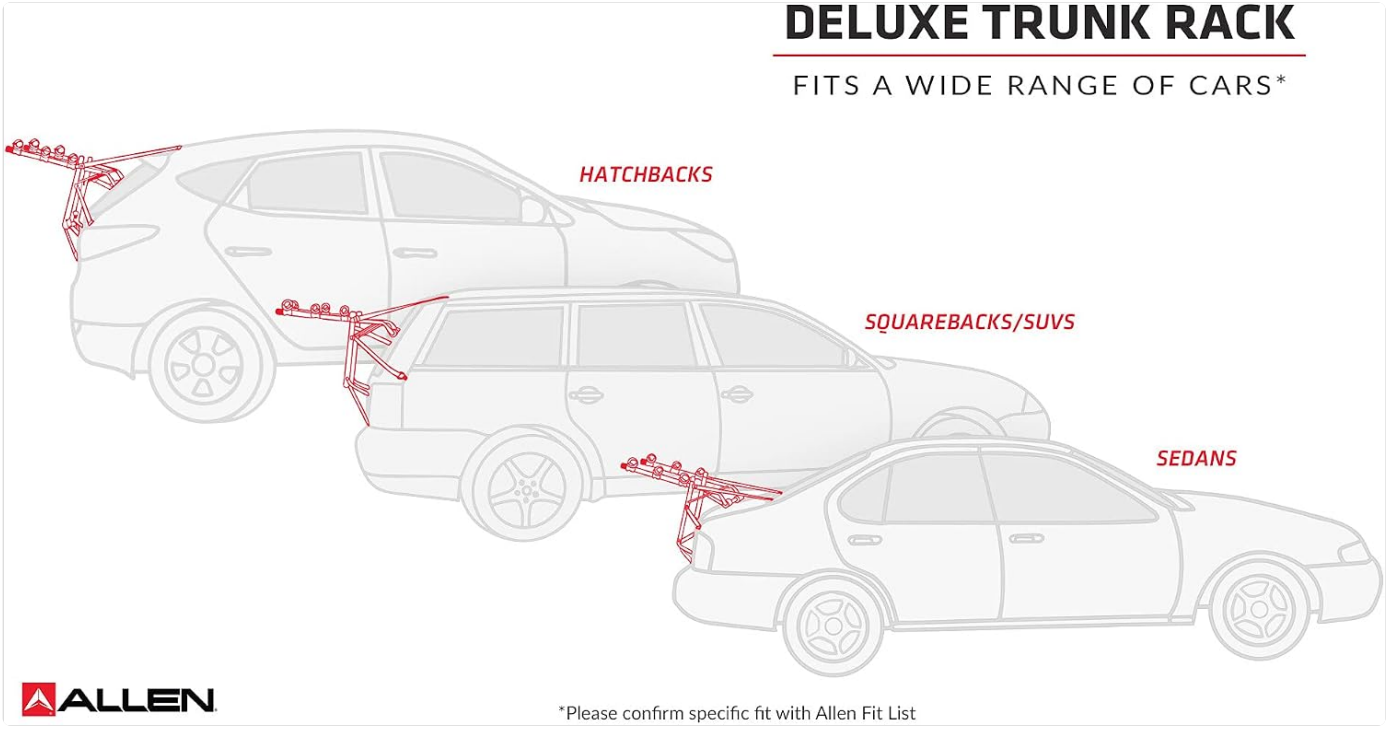



Image: A diagram illustrating the versatility of the Deluxe+ trunk rack, showing its compatibility with various vehicle types including hatchbacks, SUVs, and sedans.

### 2. Initial Rack Placement

Position the carrier on the trunk or rear hatch of your vehicle. The padded lower frame should rest against the vehicle's surface to protect the paint finish.




Image: A close-up view of the padded lower frame of the bike carrier, demonstrating how it rests on the vehicle's trunk to prevent scratches and damage.

### 3. Securing Straps

The carrier uses a system of six straps to secure it to your vehicle. There are two top straps, two side straps, and two bottom straps. Ensure each strap is hooked securely to the appropriate edge of your trunk or hatch and then tightened firmly. The patented quick-snap setup design allows for rapid adjustment.

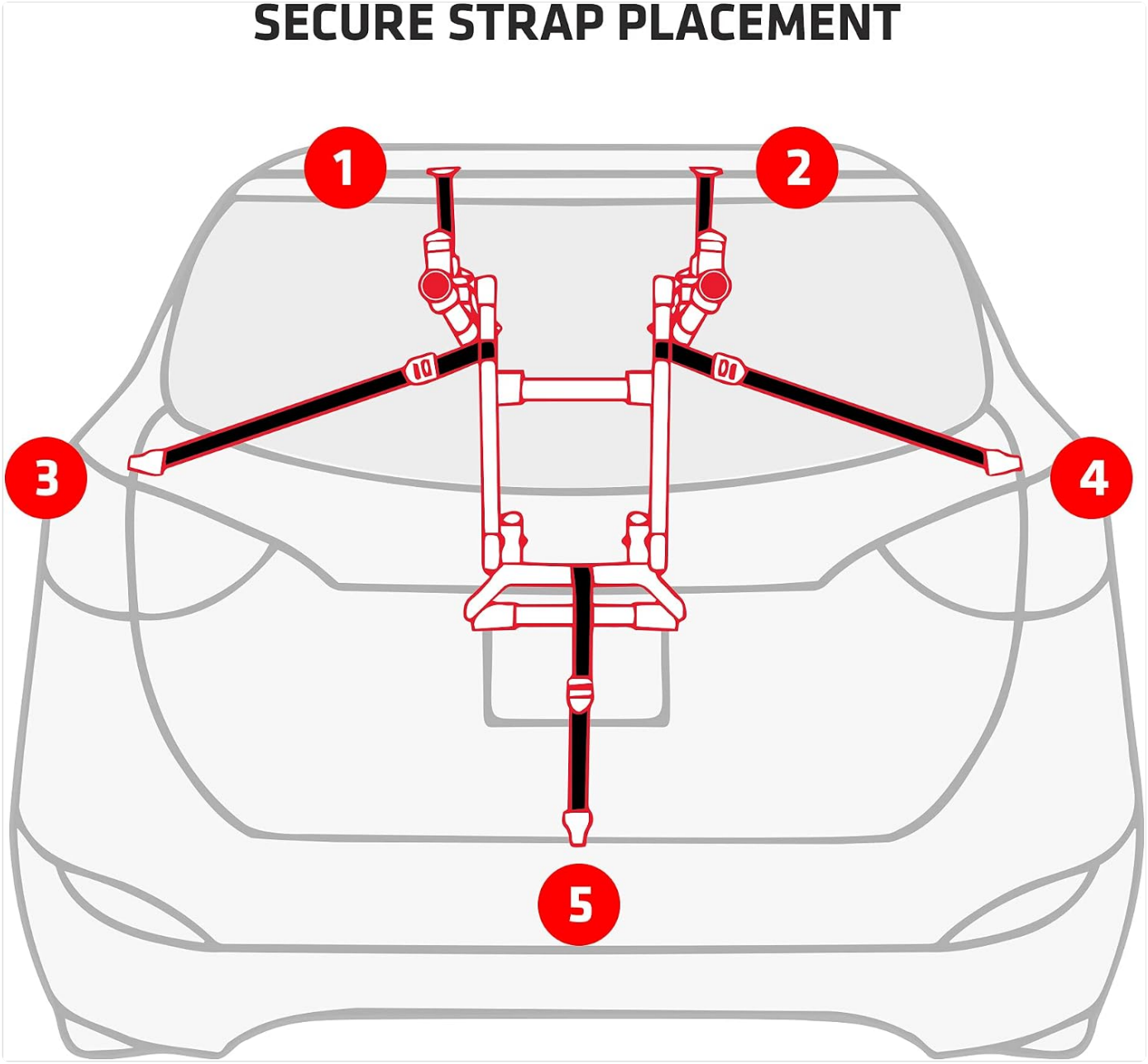



Image: A diagram illustrating the correct placement and numbering of the five securing straps on the rear of a vehicle for the bike rack, ensuring proper stability.

The left and right side straps are crucial for lateral stability, preventing the rack from shifting during transit.

### 4. Installation Video Guide

For a visual guide on installing your Allen Sports Deluxe+ Trunk-Mounted Bike Rack, please watch the official installation video below:

Your browser does not support the video tag.

Video: Official installation guide for the Allen Sports Deluxe+ Trunk-Mounted Bike Racks, demonstrating step-by-step setup and securing procedures.

## Operating Instructions (Loading Bicycles)

Once the carrier is securely installed on your vehicle, you can proceed to load your bicycles.

### 1. Prepare the Carrier Arms

Ensure the carrier arms are extended and locked into position. The red quick-snap levers allow for easy adjustment.



Image: A close-up of the red quick-snap levers on the bike rack's arms, used for adjusting and locking the arms into position.

### 2. Place Bicycles on Carrier

Lift each bicycle and place its top tube onto the carrier arms. For optimal balance and security, load the heaviest bike first and position it closest to the vehicle. Ensure the bikes are centered on the carrier arms.

### 3. Secure Bicycles with Tie-Downs

Use the individual dual tie-downs to secure each bicycle to the carrier arms. These straps wrap around the bicycle frame and the carrier arm, preventing movement during transport. Ensure all straps are tight and the bikes are stable.



Image: A close-up showing a bicycle frame securely fastened to the bike rack using one of the individual tie-down straps.



Image: Another close-up demonstrating a bicycle frame firmly secured to the carrier arm with a black tie-down strap, ensuring stability.

After securing, gently shake the bikes to confirm they are stable and do not sway excessively. Re-tighten straps if necessary.

## Maintenance

Regular maintenance ensures the longevity and safe operation of your Allen Sports Deluxe+ bike carrier.

- **Cleaning:** Wipe down the carrier with a damp cloth after use, especially if exposed to dirt, salt, or harsh weather conditions. Avoid abrasive cleaners.
- **Inspection:** Before each use, inspect all straps, buckles, and frame components for signs of wear, cuts, cracks, or damage. Ensure all pivot points move freely and lock securely.
- **Storage:** When not in use, store the carrier in a dry, protected area away from direct sunlight and extreme temperatures. The carrier is foldable for compact storage.
- **Lubrication:** Periodically apply a small amount of silicone spray or light lubricant to the pivot points and quick-snap mechanisms to ensure smooth operation.

## Troubleshooting

If you encounter issues with your bike carrier, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|---|---|---|
| Carrier feels loose or unstable on vehicle. | Straps are not tight enough or improperly routed. | Re-check all six straps (top, side, bottom) and tighten them firmly. Ensure hooks are fully engaged. Refer to the installation video. |
| Bicycles sway or move excessively. | Bicycle tie-downs are loose or bikes are not positioned correctly. | Ensure individual dual tie-downs are securely fastened around both the bike frame and carrier arms. Load heaviest bike first, closest to the vehicle. |
| Carrier arms do not lock into place. | Quick-snap levers are not fully engaged or mechanism is obstructed. | Ensure the quick-snap levers are fully depressed and the arms are pushed into their locked position. Check for any debris obstructing the mechanism. |
| Scratches on vehicle paint. | Pads are worn, dirty, or carrier was not properly positioned. | Ensure vehicle surface is clean before installation. Verify padded lower frame is correctly positioned. Replace worn pads if necessary. |

## Specifications

| | |
|---|---|
| **Model Number:** | QS2 |
| **Capacity:** | 2 Bicycles |
| **Load Capacity:** | 100 lbs (45 kg) |
| **Material:** | Plastic, Metal |
| **Color:** | Black |
| **Item Dimensions (L x W x H):** | 23.62 x 13.58 x 4.72 inches (folded) |
| **Item Weight:** | 9 Pounds (4.08 kg) |
| **Mounting Type:** | Strap (Trunk Mounted) |
| **Foldable:** | Yes |
| **Included Components:** | Deluxe+ Bicycle Carrier for Automobile |
| **UPC:** | 765271197001 |

## Warranty Information

The Allen Sports Deluxe+ 2-Bike Trunk Mounted Carrier (Model QS2) comes with a**Limited Lifetime Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For full details and terms, please visit the official Allen Sports website or contact customer support.

## Customer Support

If you have any questions, require assistance with installation, or need to troubleshoot an issue not covered in this manual, please contact Allen Sports customer support.

- **Online Resources:** Visit the official Allen Sports Store on Amazon for additional product information and resources.
- **Contact Information:** Refer to the Allen Sports official website for the most current contact details, including phone numbers and email addresses.

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Model: QS2


## Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question