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Saris 4412B

Saris Freedom 2-Bike Hitch Rack Instruction Manual

Model: 4412B

INTRODUCTION

Thank you for choosing the Saris Freedom 2-Bike Hitch Rack. This manual provides essential information for the safe and effective installation, operation, and maintenance of your bike rack. Please read all instructions carefully before use and retain this manual for future reference.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov.



The Saris Freedom 2-Bike Hitch Rack, designed for secure and versatile bicycle transport.

SETUP AND INSTALLATION

Proper installation is crucial for the safety of your bikes and vehicle. The Saris Freedom 2-Bike Hitch Rack is compatible with both 1¼-inch and 2-inch hitch receivers.

1. Attaching to Vehicle Hitch

1. Insert the hitch arm of the rack into your vehicle's hitch receiver.
2. Align the hitch pin hole on the rack with the hole on the receiver.
3. Insert the threaded locking hitch pin through both holes and tighten securely. Ensure the rack is stable and does not wobble.

EFFORTLESSLY ACCESS THE REAR OF YOUR VEHICLE WITHOUT UNLOADING BIKES



The Saris Freedom 2-Bike Hitch Rack securely attached to a vehicle's hitch receiver, ready for use.

2. Adjusting Wheel Trays and Cradles

The rack features adjustable wheel trays and down-tube cradles to accommodate various bike sizes and styles, minimizing handlebar interference between bikes.

- **Wheel Trays:** Loosen the yellow knobs on the wheel trays to slide them along the horizontal bar. Position them to match your bike's wheelbase. Tighten the knobs firmly once adjusted.
- **Down-Tube Cradles:** These rubberized cradles securely hold the bike's frame. They are designed to protect your bike's finish from scratches.

DESIGNED TO OFFER EASE OF USE, SECURITY, AND VERSATILITY



**DOWN-TUBE CRADLE
SECURELY HOLDS
BIKE**



**UNIVERSAL HITCH WORKS
ON 1.25" & 2" HITCH
RECEIVERS**



**RACKS FOLD
DOWN
WHEN NOT IN USE**

Detail of the down-tube cradle and the rack's ability to fold down when not in use, offering convenience and space-saving.

Installation Video Guide

For a visual step-by-step guide on installation and initial setup, please watch the official product video below:

Official video demonstrating the installation and key features of the Saris Freedom Bike Hitch Car Rack.

A detailed PDF installation manual is also available for download: [Saris Freedom 2-Bike Hitch Rack Installation Manual \(PDF\)](#)

OPERATION AND USAGE

1. Loading Bicycles

The Saris Freedom rack is designed to transport up to two bicycles, each weighing up to 60 lbs, for a total capacity of 120 lbs. Always load the heavier bike closer to the vehicle.

1. Place the bike's wheels into the adjusted wheel trays.

2. Position the bike's down-tube into the rubberized cradle.
3. Secure the wheels using the ratcheting straps. Ensure they are tight and the bike is stable.
4. Use the integrated lock cables (if equipped) to secure your bikes to the rack for added security.



A user demonstrating the process of loading a bicycle onto the Saris Freedom rack, highlighting the ease of use.

2. Accessing Vehicle Rear

The rack features a foot pedal activated tilt mechanism, allowing you to access your vehicle's rear cargo area without removing the bikes.

- Press the foot pedal located at the base of the rack.
- Gently tilt the rack downwards, away from the vehicle.
- Once you have accessed your cargo, lift the rack back into its upright position until it locks securely.

EASY TO LOAD WITH THE CLICK OF A BUTTON



**FOOT PEDAL
ACTIVATED TILT**

**WHEEL TRAY
WITH STRAPS**



The foot pedal mechanism allows the rack to tilt, providing convenient access to the vehicle's trunk or tailgate.

MAINTENANCE

Regular maintenance will ensure the longevity and safe operation of your Saris Freedom 2-Bike Hitch Rack.

- **Cleaning:** Clean the rack regularly with mild soap and water, especially after exposure to road salt or dirt. Rinse thoroughly and dry.
- **Inspections:** Periodically check all bolts, nuts, and straps for tightness and wear. Replace any worn or damaged parts immediately.
- **Lubrication:** Apply a small amount of grease or silicone spray to moving parts, such as the tilt mechanism and hitch pin, to ensure smooth operation.

TROUBLESHOOTING

If you encounter issues with your Saris Freedom 2-Bike Hitch Rack, consider the following common solutions:

- **Rack Wobbles:** Ensure the threaded hitch pin is fully tightened. Some movement is normal, but excessive wobble indicates improper installation.
- **Bikes Not Secure:** Verify that the wheel trays are correctly positioned for your bike's wheelbase and that all ratcheting straps are pulled taut. The down-tube cradle should firmly hold the frame.
- **Difficulty Tilting:** Check for any obstructions. Lubricate the pivot points of the tilt mechanism if it feels stiff.

For persistent issues, refer to the detailed PDF manual or contact Saris customer support.

SPECIFICATIONS

Feature	Detail
Model Name	Saris Freedom Bike Hitch Car Rack, 2-Bicycle Carrier
Model Number	4412B
Capacity	2 Bicycles
Max Weight per Bike	60 lbs (27.2 kg)
Total Weight Capacity	120 lbs (54.4 kg)
Hitch Compatibility	1¼" and 2" Receivers
Item Weight	26.2 pounds (11.88 kg)
Product Dimensions (L x W x H)	8.66 x 48.03 x 13.39 inches (22 x 122 x 34 cm)
Color	Carbon Black
Mounting Type	Hitch Mount, Strap Mount
UPC	012527010073

WARRANTY AND SUPPORT

Saris stands behind the quality of its products. The Saris Freedom 2-Bike Hitch Rack is built in the USA and comes with a lifetime warranty, ensuring long-term reliability and peace of mind.

- **Lifetime Warranty:** Saris offers a lifetime warranty on its bike racks, covering manufacturing defects. Please refer to the official Saris website for full warranty terms and conditions.
- **Protection Plans:** Additional protection plans may be available for purchase to extend coverage beyond the manufacturer's warranty.
- **Customer Support:** For technical assistance, parts replacement, or warranty claims, please visit the official Saris website or contact their customer service department.
- **Online Resources:** You can find more information and resources at the [Saris Store on Amazon](#) or download the [Installation Manual \(PDF\)](#).

Related Documents - 4412B

	<p>Saris Freedom 2-Bike #4062: Assembly & Installation Guide</p> <p>Comprehensive assembly and installation guide for the Saris Freedom 2-Bike rack (#4062). Learn what's included, how to assemble, attach to your vehicle, install bikes, adjust trays, and find warranty information.</p>
	<p>Saris SuperClamp 2-Bike Hitch Rack User Manual</p> <p>Comprehensive user manual for the Saris 2025 SuperClamp 2-Bike Hitch Rack, detailing its zero frame contact design, tool-free installation, foldable nature, and compact storage capabilities. Learn how to safely and easily transport your bicycles.</p>
	<p>Saris Bones 2 Bike Rack: Assembly Instructions & User Guide</p> <p>Comprehensive assembly instructions, technical specifications, safety cautions, maintenance tips, and warranty details for the Saris Bones 2-bike rear car rack (Model #805). Learn how to safely install and use your Saris bike carrier.</p>
	<p>Saris Freedom EX - 2 Bike Assembly Instructions</p> <p>Comprehensive assembly instructions for the Saris Freedom EX - 2 Bike, including specifications, installation steps, usage cautions, and warranty information.</p>
	<p>Saris SuperClamp EX - 2 Bike Assembly and User Manual</p> <p>Comprehensive assembly instructions, specifications, and warranty information for the Saris SuperClamp EX - 2 Bike rack (models 4025F and 4025HD). Learn how to safely install, load, and maintain your Saris bike carrier.</p>
	<p>Saris SuperClamp EX 4-Bike Hitch Rack: Assembly & User Guide</p> <p>Comprehensive assembly instructions, specifications, and maintenance guide for the Saris SuperClamp EX 4-Bike hitch-mounted bicycle carrier (Model 4026F). Learn how to install, load, and care for your Saris bike rack.</p>