

SCITOO Universal Adjustable Cross Bar Set

SCITOO Universal Adjustable Roof Rack Cross Bar Set

Instruction Manual

1. PRODUCT OVERVIEW

This manual provides instructions for the SCITOO Universal Adjustable Roof Rack Cross Bar Set, designed for 4-door model cars, trucks, and SUVs without existing roof rails. This lightweight crossbar system is engineered for secure cargo transport and features an aerodynamic design to minimize wind noise.

Key Features:

- Universal fitment for vehicles without roof racks.
- Constructed from durable aluminum alloy.
- Maximum load capacity of 154 lbs (70 kg).
- Aerodynamic profile for reduced wind noise and vibration.
- Easy installation with no drilling required.

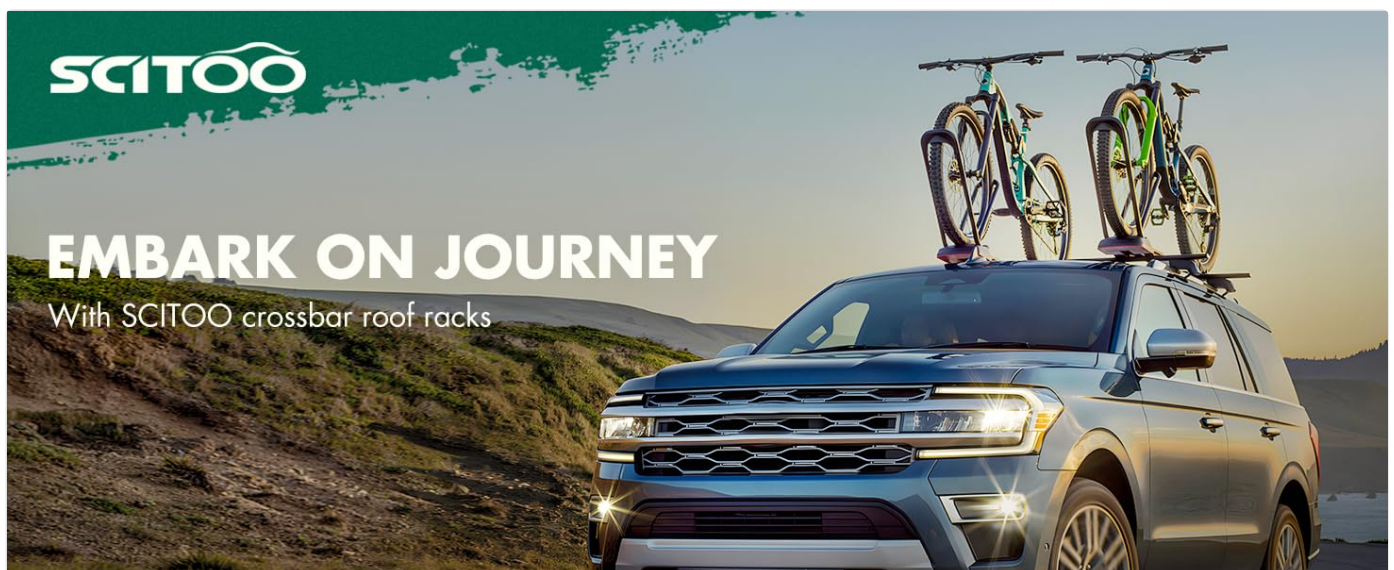


Image 1.1: Product dimensions and key specifications, including a 4-inch width and 2.55-inch height for the crossbar, and a 2.16-inch base height.

2. SETUP AND INSTALLATION

The SCITOO roof rack is designed for straightforward installation. All necessary hardware and instructions are included. No drilling or cutting is required for assembly.

2.1 Components

Familiarize yourself with the main components before beginning installation:

- Luggage rack crossbar
- Top cover of the base
- Bottom cover of the base
- Plum blossom screws (fasteners)

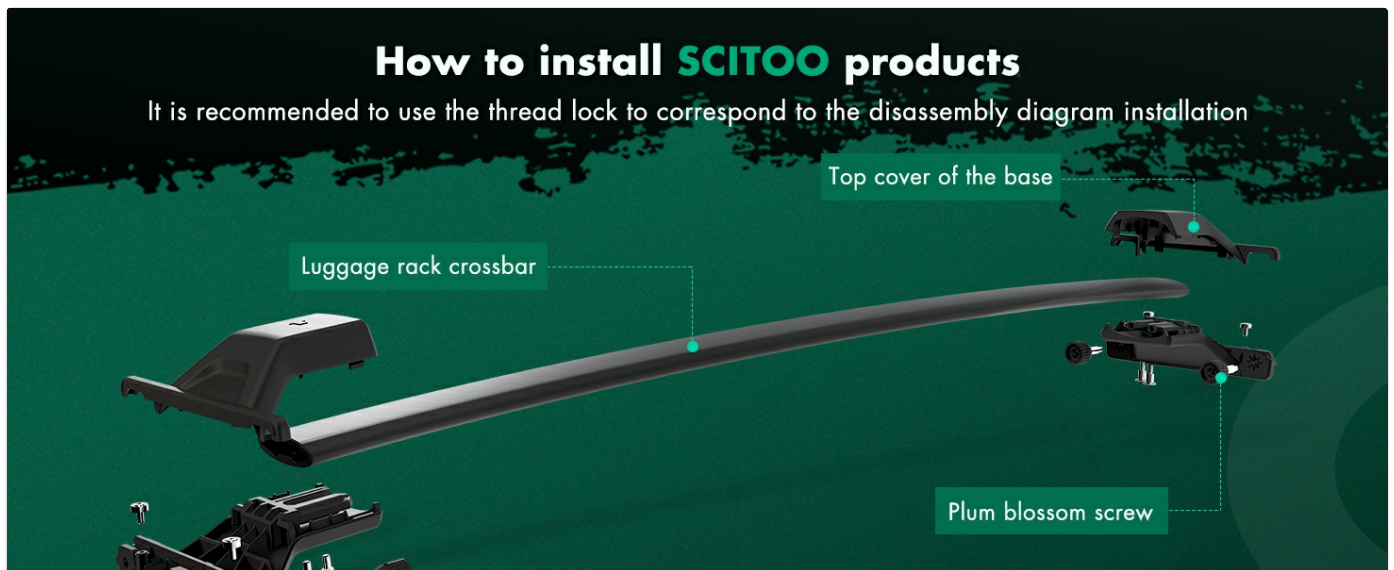


Image 2.1: Exploded view diagram illustrating the main components of the roof rack and their assembly points.

2.2 Installation Steps

1. Identify the front and rear crossbars.
2. Attach the top and bottom covers of the base to the crossbar using the plum blossom screws. Ensure all connections are secure.
3. Position the assembled crossbars onto the vehicle's window frames. The custom base feet are designed to fit without drilling.
4. Adjust the crossbars to the desired position, ensuring they are evenly spaced and level.
5. Tighten all fasteners to secure the crossbars firmly to the vehicle. Verify stability before use.

Made of Premium Material



Easy
Installation



Anti-Theft
Design



Acid Rain
Resistant



New
Upgraded



Less Wind
Noise



Strong
Hardness



Image 2.2: Details of the marine-grade aluminum alloy construction, curved upward design for vehicle roof arc, and custom base feet that require no drilling.

Important Note:

- Always ensure the roof rack is compatible with your specific vehicle model before purchase and installation.
- Verify the distance between the side rails or mounting points on your vehicle to ensure proper fitment.

3. OPERATING INSTRUCTIONS

Once installed, the SCITOO roof rack provides a secure platform for transporting various items. Adhere to the maximum load capacity and consider the aerodynamic properties for optimal performance.

3.1 Load Capacity

The roof rack has a maximum load capacity of **154 lbs (70 kg)**. Do not exceed this weight limit to ensure safety and prevent damage to your vehicle or the roof rack.



Image 3.1: Illustration of the roof rack carrying skis, emphasizing the 154 lbs / 70 kg load capacity and important reminders.

3.2 Aerodynamic Design

The crossbars feature an aerodynamic design to reduce wind noise and vibration, particularly when driving below 60

MPH. This design contributes to a quieter driving experience.

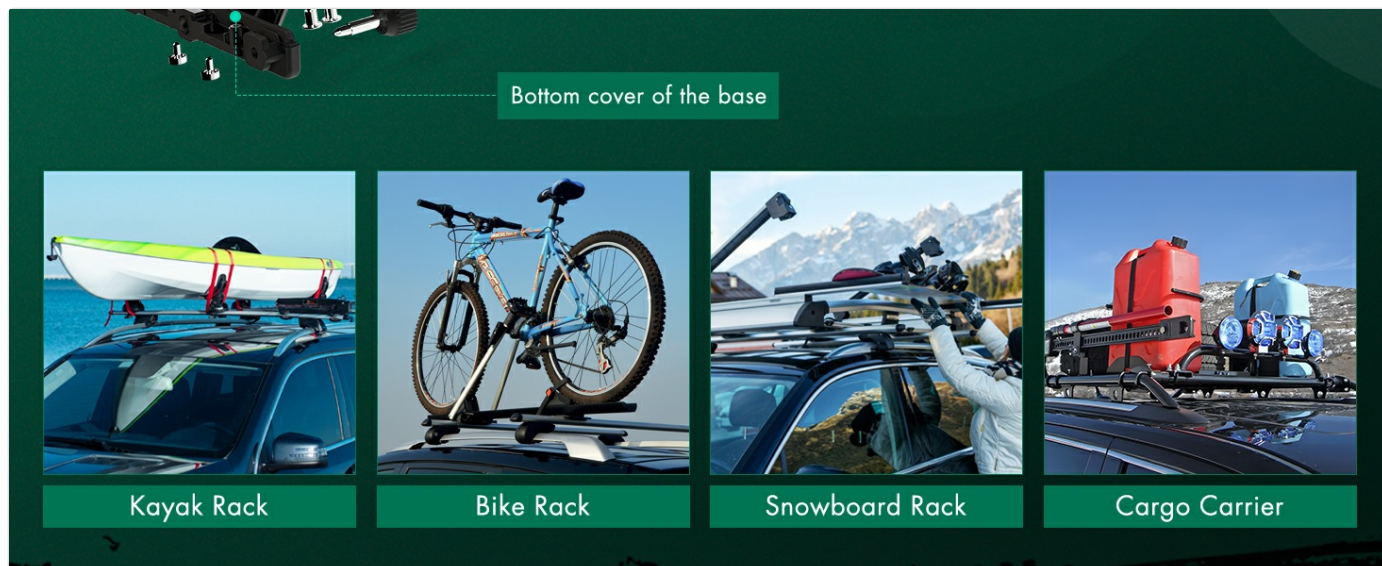


Image 3.2: Visual representation of the aerodynamic design, showing airflow to minimize wind noise and vibration at speeds under 60 MPH.

3.3 Cargo Types

The roof rack is suitable for carrying various types of cargo, including but not limited to:

- Kayaks
- Bicycles
- Snowboards
- Fishing rods
- Cargo carriers/boxes

Roof Rack Crosshairs

Wide Range Application for the Loading



- Kayak Rack -



- Bike Rack -



- Fishing Rod Racks -



- Snowboard Rack -



- Cargo Carrier -

Image 3.3: Examples of the roof rack's versatility, showing it configured for a kayak, bicycle, fishing rods, snowboard, and a cargo carrier.

4. MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your SCITOO roof rack.

- **Regular Inspection:** Periodically check all mounting points, screws, and connections to ensure they remain tight and secure. Re-tighten if necessary.

- **Cleaning:** Clean the roof rack regularly with mild soap and water to remove dirt, road grime, and debris. The aluminum alloy material is corrosion-resistant, but cleaning helps maintain its appearance and integrity.
- **Corrosion Resistance:** The high-strength marine-grade aluminum is designed for long-lasting use in various weather conditions.
- **Storage:** If removing the roof rack for extended periods, store it in a dry place away from direct sunlight and extreme temperatures.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your roof rack.

- **Excessive Wind Noise:**
 - Ensure the crossbars are installed correctly and all components are tightly secured.
 - Verify that no accessories (e.g., cargo boxes, bike mounts) are improperly positioned, which could create additional drag.
- **Loose Fitment:**
 - Re-check all mounting screws and base connections. Tighten them firmly.
 - Confirm that the roof rack is compatible with your specific vehicle model and that it is installed on the correct window frame type.
- **Difficulty Installing:**
 - Refer to the installation steps in Section 2.2 and the provided diagrams.
 - Ensure you have all components as listed in Section 2.1.

6. SPECIFICATIONS

Feature	Detail
Brand	SCITOO
Model Name	Universal Adjustable Cross Bar Set
Material	Aluminum
Color	Black
Vehicle Service Type	Universal 43.3" (110CM) roof rack, fits 4-door model cars, trucks, and SUVs on Window Frames.
Load Capacity	154 lbs (70 kg)
Item Dimensions (L x W x H)	54.13 x 6.3 x 4.53 inches
Item Weight	4440 g
Mounting Type	Railing Mount, Roof Mount, Luggage Rack, Crossbar Mount

6.1 Vehicle Fitment Examples

This universal roof rack is designed to fit a wide range of vehicles. Below are examples of compatible models. Always verify fitment for your specific vehicle before purchase and installation.



Vehicle Fitment

∞ Compatible With **Honda/Hyundai/Nissan/Acura** Models:

Year	Make	Model	SubModel
• 1997	For Honda	CR-V	LX
• 1997	For Hyundai	Sonata	Base
• 1997	For Hyundai	Sonata	GL
• 1997	For Hyundai	Sonata	GLS
• 1997	For Nissan	Altima	GXE
• 1998	For Acura	CL	Base
• 1998	For Acura	CL	Premium
• 1998	For Acura	Integra	GS
• 1998	For Acura	NSX	Base

Image 6.1: Partial list of compatible vehicle models, including Chevrolet Impala, Toyota RAV4, and Acura Integra from various years.

7. SUPPORT INFORMATION

SCITOO is committed to providing quality automotive parts. For any questions, concerns, or support regarding your roof

rack, please contact SCITOO customer service through the retailer where the product was purchased.

SCITOO, established in 2013 and located in California, is a professional seller of auto parts. We maintain a complete supply chain system and multiple warehouses in the United States to ensure high-quality products and efficient logistics.

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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.

Name

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Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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