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DONSU Universal Car Top Roof Rack Cross Bar

Universal Car Top Roof Rack Cross Bar Instruction Manual

Model: Universal Car Top Roof Rack Cross Bar

1. Product Overview

The DONSU Universal Car Top Roof Rack Cross Bars are designed to provide additional cargo carrying capacity for vehicles without pre-installed raised roof rails. This set includes two black aluminum cross bars with an anti-theft lockable design, suitable for 4 or 5-door cars.

Key Features:

- Designed for cars without pre-existing raised roof rails.
- Lockable anti-theft design with 2 locks per bar (keys included).
- Suitable for 4 or 5-door cars only (not for 3-door cars, vans, or large 4x4s).
- Metal brackets clamp under the door recess, including two clamp types for compatibility.
- Ratchet tensioners allow for easy adjustment and secure fitting.
- Constructed from durable aluminum.



Image 1.1: Overview of the DONSU Universal Car Top Roof Rack Cross Bars and their appearance when installed on a vehicle.

2. Safety Information

- Always ensure bars are securely fitted before driving. Regularly check the tightness of all fasteners, especially after initial installation and before each trip.
- The maximum load capacity for these roof bars is 45kg (approximately 99.2 lbs). The load must be uniformly distributed across the bars.
- When carrying cargo, the maximum load capacity can reach 75kg if the vehicle speed is below 80km/h (approximately 50 mph) and items are placed reasonably and securely.
- Do not exceed your vehicle's manufacturer-recommended roof load capacity. Consult your vehicle's owner's manual.
- Avoid sudden braking, acceleration, or sharp turns when carrying a load on the roof rack.
- Be aware of increased vehicle height when loading cargo, especially when entering garages or low-clearance areas.
- Ensure all cargo is properly secured to prevent shifting or detachment during transit.

3. Package Contents

Please verify that all components are present and undamaged upon opening the package:

- 2 x Car Roof Bars
- 2 x Keys for anti-theft locks
- Assorted clamp types (as shown in product images)

4. Setup and Installation

Light assembly is required for these roof bars. Follow these steps for proper installation:

1. **Identify Clamp Type:** Compare the provided clamp types with your car's door recess to select the most suitable

option.

2. **Assemble Bars:** Attach the appropriate clamps to the ends of each roof bar. Ensure they are securely fastened.
3. **Position Bars:** Place the assembled roof bars across your vehicle's roof. The metal brackets should clamp under the door recess. Ensure the bars are parallel and evenly spaced.
4. **Adjust and Tighten:** Use the ratchet tensioners to adjust the length and securely tighten the bars. Ensure a snug fit without over-tightening, which could damage your vehicle's frame or the roof rack.
5. **Lock Bars:** Utilize the provided keys to lock the anti-theft mechanism on each bar. This secures the bars to your vehicle and prevents unauthorized removal.
6. **Final Check:** Before driving, firmly shake each bar to confirm it is securely attached and does not wobble. Re-tighten if necessary.



Image 4.1: Example of the roof rack cross bars properly installed on a vehicle's roof.



Image 4.2: Detail of the anti-theft lock design, showing the key insertion point.

Installation Video Guide

▶ **Watch video online**
43.3" Car Top Roof Rack Cross Bar

Video 4.1: A short demonstration of the DONSU roof rack components and basic assembly. (Duration: 0:15)

5. Operating Instructions

Once installed, the roof rack provides a stable platform for transporting various items. Adhere to the following guidelines:

- **Load Distribution:** Distribute the weight of your cargo evenly across both bars. Avoid concentrating heavy loads on one side or in the center.
- **Secure Cargo:** Always use appropriate tie-downs, straps, or cargo nets to secure items to the roof bars. Ensure there is no movement of cargo during transit.
- **Aerodynamics:** For optimal fuel efficiency and reduced wind noise, consider the aerodynamic profile of your cargo. Large, bulky items can significantly increase drag and noise.
- **Regular Checks:** During long journeys, periodically stop and check the security of your cargo and the tightness of the roof bars.



Image 5.1: Visual representation of the 45kg maximum load capacity for the roof bars.

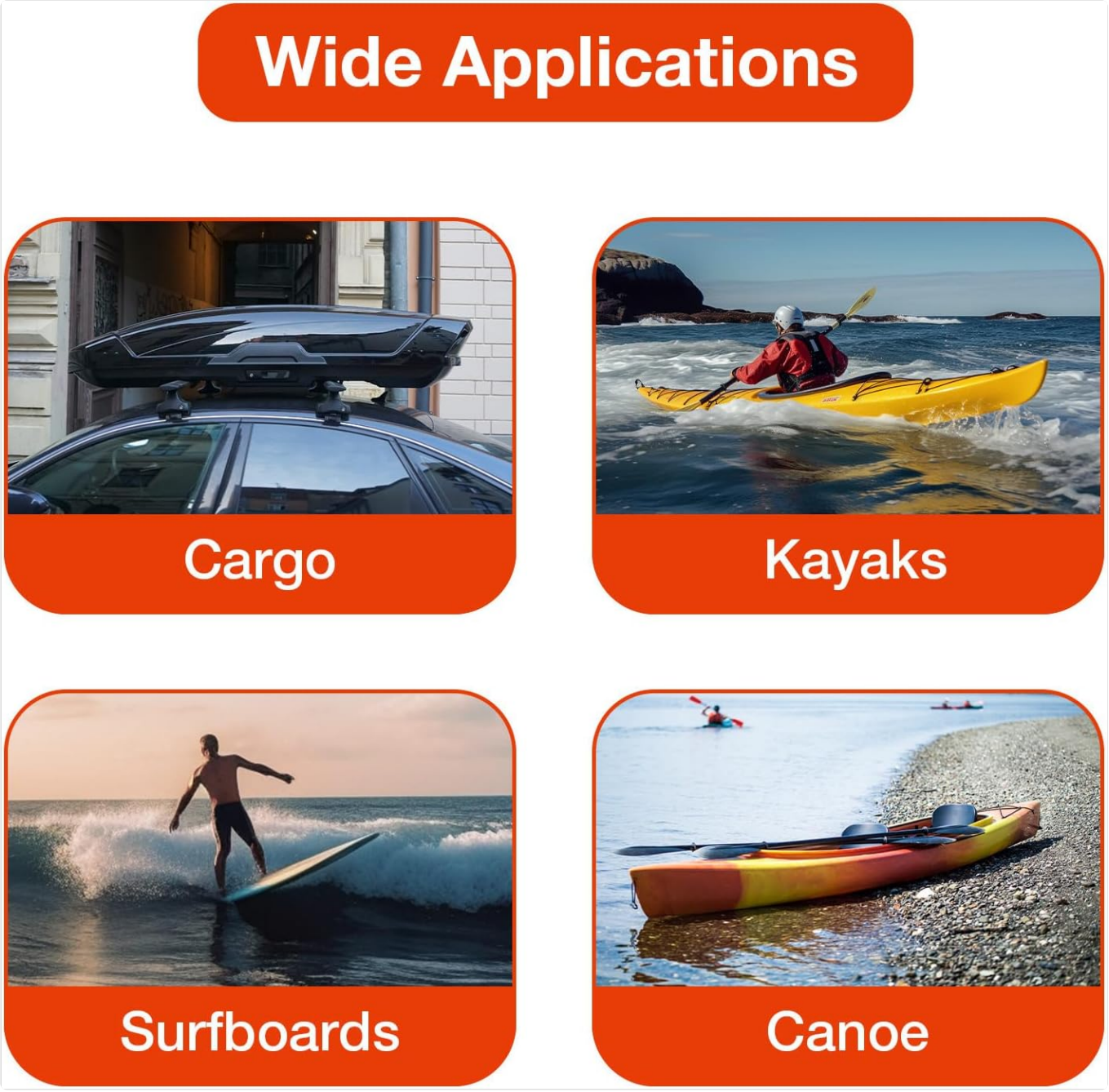


Image 5.2: Examples of various items that can be transported using the roof rack, including cargo boxes, kayaks, surfboards, and canoes.

6. Maintenance

To ensure the longevity and proper function of your DONSU roof rack, follow these maintenance tips:

- **Cleaning:** Clean the aluminum bars and plastic components with mild soap and water. Avoid abrasive cleaners or solvents that could damage the finish.

- **Inspection:** Periodically inspect all components for signs of wear, damage, or corrosion. Pay close attention to the clamps, tensioners, and locking mechanisms.
- **Lubrication:** Lightly lubricate the lock mechanisms with a graphite-based lubricant if they become stiff.
- **Storage:** If not in use for extended periods, consider removing the roof bars and storing them in a dry, protected area to prevent exposure to harsh weather conditions.

7. Troubleshooting

If you encounter issues with your roof rack, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Bars do not feel secure/wobble.	Insufficient tightening of ratchet tensioners; incorrect clamp type used; improper positioning.	Ensure ratchet tensioners are fully tightened. Verify the correct clamp type is used for your vehicle. Reposition bars for optimal fit.
Key is difficult to turn in lock.	Dust/debris in lock mechanism; lack of lubrication.	Apply a small amount of graphite lubricant to the key and insert it into the lock, wiggling gently. Do not force the key.
Excessive wind noise.	Improper bar positioning; turbulent airflow around bars or cargo.	Ensure bars are positioned correctly and securely. Consider adding a fairing (wind deflector) if available for universal racks. Adjust cargo placement.
One bar detached during driving.	Bars not securely fitted; ratchet tensioner failure; excessive load.	Immediately pull over safely. Re-evaluate installation steps. Ensure all components are in good condition. Do not exceed load capacity. If a component is damaged, replace it before use.

8. Specifications

Attribute	Detail
Brand	DONSU
Model Name	Universal Car Top Roof Rack Cross Bar
Color	Black
Material	Aluminum (Bars)
Item Dimensions (L x W x H)	39.37 x 15.94 x 5.71 inches
Bar Length	1 meter (39.37 inches)
Item Weight	9.8 pounds
Max Load Capacity	45kg (99.2 lbs) - uniformly distributed
Mounting Type	Clamp Mount, Roof Mount, Door Mount, Crossbar Mount
Suitable Car Types	4 or 5 Door Cars (not 3 door cars, vans, or large 4x4s)
Rain Trough Distance Compatibility	110-114cm
Window Distance Compatibility	124-134cm
UPC	734830742297
Manufacturer Part Number	09-10ACURA TSX (Note: This may refer to a specific compatibility or internal part number)



Image 8.1: Detail showing the durable aluminum construction of the roof rack bars.

9. Warranty and Support

For any questions regarding product warranty, technical support, or replacement parts, please contact DONSU customer service directly. Refer to your purchase documentation for specific warranty terms and contact information. You can also visit the official DONSU store for more information:DONSU Store on Amazon

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