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ZXYHBHD B0DSBSG49R

ZXYHBHD Cross Bars Roof Rack User Manual

Model: B0DSBSG49R | Compatible with Hyundai Tucson 2022 (with Side Rails)

INTRODUCTION

Thank you for choosing the ZXYHBHD Cross Bars Roof Rack. This manual provides essential information for the safe and correct installation, operation, and maintenance of your new roof rack system. Please read these instructions thoroughly before installation and keep them for future reference.



The ZXYHBHD roof rack cross bars, designed for Hyundai Tucson 2022 models with existing side rails.

SAFETY INFORMATION

- **Weight Capacity:** Do not exceed the maximum load capacity of 165 lbs (75 kg) for these cross bars. Always refer to your vehicle's owner's manual for its specific roof load capacity, and never exceed the lower of the two limits.

- **Secure Fastening:** Ensure all bolts and fasteners are securely tightened before each use and periodically check for tightness during long journeys.
- **Cargo Distribution:** Distribute cargo evenly across the cross bars. Secure all items firmly to prevent shifting during transit.
- **Vehicle Handling:** Be aware that adding a roof rack and cargo can affect your vehicle's handling, braking, and fuel efficiency. Drive cautiously, especially in windy conditions or when cornering.
- **Height Clearance:** Remember that the overall height of your vehicle will increase with the roof rack and cargo. Be mindful of low clearances such as garages, car washes, and drive-thrus.
- **Special Cargo:** When carrying long items like surfboards or skis, use professional fixing frames. Due to high wind resistance, loading kayaks on this roof rack cross bar is not recommended for safety.
- **Regular Inspection:** Inspect the cross bars for any signs of wear, damage, or corrosion before each use. Replace damaged components immediately.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 2 x Aluminum Alloy Cross Bars (Front and Rear specific)
- 1 x Allen Wrench
- 2 x Keys for Locking Mechanism
- 1 x Instruction Manual (this document)



This image displays the complete package contents: two aluminum alloy cross bars, an Allen wrench for installation, a set of keys for the locking mechanism, and the instruction manual.

INSTALLATION GUIDE

No drilling or cutting is required for installation. Follow these steps carefully:

Step 1: Identify Front and Rear Cross Bars

The two cross bars are designed specifically for the front and rear positions. Identify them by the labels on the bars or their end caps. Ensure the aerodynamic profile is correctly oriented with the "This side face front" label pointing towards the front of the vehicle.



This image illustrates the cross-sectional design of the aluminum bar, highlighting its 2mm thickness for durability. It also shows the labels 'Front', 'Rear', and 'This side face front' to ensure correct orientation during installation.

Step 2: Prepare the End Caps

Each cross bar features adjustable end caps. You may need to slightly loosen the internal screws within the end caps using the provided Allen wrench to allow for adjustment on your vehicle's side rails. The end caps are designed with a durable ABS plastic clamp and a built-in soft rubber pad to protect your vehicle's finish.



A close-up of the cross bar's end cap, revealing the robust internal screw mechanism that secures the cross bar to your vehicle's existing side rails.

Step 3: Position and Secure Cross Bars

1. Carefully place the front cross bar onto the front section of your Hyundai Tucson's side rails.
2. Adjust the end caps to fit snugly around the side rails. Ensure the rubber pads are making full contact.
3. Using the Allen wrench, tighten the internal screws within the end caps until the cross bar is firmly secured to the side rails. Do not overtighten.
4. Repeat the process for the rear cross bar, ensuring it is positioned appropriately for your cargo needs and securely fastened.

Step 4: Lock the Cross Bars

Once both cross bars are securely installed, use the provided keys to lock the end caps. This provides additional security and prevents unauthorized removal.



This image demonstrates the integrated locking mechanism located on the end cap of the cross bar. The key is shown inserted, and the protective cover is open, indicating how to secure or release the cross bar.

Important: Before driving, gently pull on each cross bar to confirm it is securely attached and does not move. Re-check all fastenings after the first few miles of driving and periodically thereafter.

OPERATION AND USAGE

- **Cargo Loading:** Use the cross bars with roof boxes, bike racks, or kayak racks to carry additional cargo. Always ensure cargo is properly secured and does not obstruct your view or interfere with vehicle operation.
- **Weight Limit:** Adhere strictly to the 165 lbs (75 kg) weight limit of the cross bars and your vehicle's roof capacity.
- **Aerodynamic Design:** The aerodynamic design helps reduce wind resistance and noise, contributing to a smoother ride.
- **Special Considerations:** As noted in the safety section, use professional fixing frames for long items like surfboards or skis. Avoid loading kayaks due to high wind resistance.

MAINTENANCE

- **Cleaning:** Clean the cross bars regularly with mild soap and water. Avoid abrasive cleaners or solvents that

could damage the black powder-coated surface.

- **Inspection:** Periodically inspect all components for wear, corrosion, or damage. Pay close attention to the end caps, rubber pads, and fastening screws.
- **Lubrication:** The locking mechanism may benefit from occasional lubrication with a graphite-based lubricant to ensure smooth operation.
- **Storage:** If removing the cross bars for extended periods, store them in a dry, protected area to prolong their lifespan.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Cross bars feel loose after installation.	Screws not tightened sufficiently.	Re-tighten all internal screws using the Allen wrench. Ensure a snug fit without overtightening.
Excessive wind noise.	Incorrect orientation of cross bars; cargo not aerodynamic.	Verify that the "This side face front" label is correctly oriented. Ensure cargo is loaded as aerodynamically as possible.
Keys not turning in lock.	Lock mechanism dirty or stiff.	Apply a small amount of graphite lubricant to the key and insert it into the lock, gently wiggling to distribute. Do not force.

SPECIFICATIONS

Model Number	B0DSBSG49R
Compatibility	Hyundai Tucson 2022 models with existing side rails
Material	Thickened Aluminum Alloy Bar, Durable ABS Plastic Clamps, Stainless Steel Screws
Color	Black
Maximum Load Capacity	165 lbs (75 kg)
Product Dimensions (L x W x H)	41.73 x 6.3 x 5.91 inches
Item Weight	4.4 pounds (2 kg)

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the seller's contact information provided at the point of purchase. Keep your purchase receipt as proof of purchase.

Manufacturer: ZXYHBHD

