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› HmmtlyRack Roof Rack Cross Bars Instruction Manual for Hyundai Tucson 2016-2026 (Model HR0017)

HmmtlyRack HR0017

HmmtlyRack Roof Rack Cross Bars Instruction Manual

Model: HR0017 | Compatible with Hyundai Tucson 2016-2026

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your HmmtlyRack Roof Rack Cross Bars. Designed for durability and security, these cross bars enhance your vehicle's cargo carrying capabilities. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Image 1.1: HmntyRack Roof Rack Cross Bars with included installation tools and keys.

2. VEHICLE COMPATIBILITY

These roof rack cross bars are specifically designed for:

- **Hyundai Tucson:** Model years 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026
- **Trim Levels:** SE, SEL, N Line, Limited
- **Requirement:** Vehicle must be equipped with existing flush side rails.

Important: Please verify your vehicle's year, make, model, and the presence of flush side rails before attempting installation. These cross bars are not compatible with vehicles lacking flush side rails.

APPLICABLE MODELS

Hyundai Tucson
2016-2026
with Flush Side Rails
(SE/SEL/N Line/Limited)



Hyundai Tucson
Without Side Rails



Image 2.1: Visual guide for compatible Hyundai Tucson models with flush side rails (top) and incompatible models without side rails (bottom).

3. PACKAGE CONTENTS

Before beginning installation, ensure all components listed below are present in your package. If any parts are missing or damaged, please contact customer support.

- Front Cross Bar: 1 unit
- Rear Cross Bar: 1 unit
- Base Feet: 4 units
- Keys: 2 units
- Allen Wrench: 2 units
- Installation Instruction Manual: 1 unit

PACKAGE CONTENTS



Front Bar x1



Rear Bar x1



Instruction x1



Base x4



Allen Wrench x2

Image 3.1: All components included in the package, showing the front and rear bars, bases, keys, and wrenches.

4. SETUP AND INSTALLATION

Installation is designed to be straightforward. Please follow these steps carefully. A screwdriver is the primary tool required for assembly.

1. **Identify Front and Rear Bars:** Note that the front cross bar is typically longer than the rear cross bar to accommodate the vehicle's roof curvature. Refer to the included installation manual for specific measurements and identification.
2. **Attach Base Feet:** Securely attach the four base feet to the cross bars. Ensure the directional labels on the cross bars and bases are correctly aligned for proper orientation.
3. **Position Cross Bars:** Place the assembled cross bars onto your vehicle's flush side rails. The bases are designed for easy snap-on attachment.
4. **Secure Fasteners:** Using the provided Allen wrench, tighten all fasteners to secure the cross bars firmly

to the side rails. Do not overtighten.

5. **Engage Anti-Theft Lock:** Once the cross bars are securely installed, use the provided keys to engage the anti-theft locking mechanism on each base. This prevents unauthorized removal and secures the installation.

Reminder: Double-check the package box for the instruction manual and keys, as they may be located at the bottom of the box.

STRONGER AND MORE DURABLE MATERIAL

300 lbs | 136 kg



Note: Our crossbars support up to 300lbs/136kg, but the actual weight limit of your vehicle's roof should be confirmed based on your car's manual.

Image 4.1: Detail of the anti-theft lock system, showing the key insertion point for securing the cross bars.

5. OPERATING INSTRUCTIONS AND SAFETY

5.1 Load Capacity

The HmntyRack Roof Rack Cross Bars have a maximum load capacity of **300 lbs (136 kg)**. This capacity is for the cross bars themselves. Always refer to your vehicle's owner's manual for the maximum permissible roof load capacity, and never exceed the lower of the two limits.

5.2 Recommended Cargo

These cross bars are suitable for transporting various items that do not fit inside your vehicle, including:

- Roof bags and cargo boxes
- Bicycles (with appropriate bike carriers)
- Surfboards, kayaks, and canoes (with appropriate watercraft carriers)
- Skis and snowboards (with appropriate ski/snowboard carriers)
- Ladders and other sporting goods



Image 5.1: Examples of gear that can be carried on the roof rack, including bikes, ski frames, cargo boxes, and kayaks.

5.3 Safety Precautions

- **Secure Cargo:** Always ensure all cargo is properly secured to the cross bars using appropriate tie-downs or carriers. Loose cargo can shift during transit, posing a safety hazard.
- **Regular Checks:** Periodically check the tightness of all fasteners and the security of your cargo, especially during long trips or after driving on rough terrain.

- **Driving Habits:** Adjust your driving speed and habits when carrying cargo on the roof. Increased wind resistance and a higher center of gravity can affect vehicle handling.
- **Clearance:** Be mindful of increased vehicle height when entering garages, car washes, or areas with low overhead clearance.
- **Sunroof Operation:** The design of these cross bars allows for normal operation of your vehicle's sunroof. Non-slip rubber pads are integrated to protect against scratches.



Image 5.2: The design ensures sufficient clearance for sunroof operation, with anti-slip/scuff rubber pads for protection.

5.4 Aerodynamic Design

The cross bars feature an aerodynamic profile designed to minimize wind noise during travel. While some noise may be present at certain speeds, the design aims to reduce its impact.

Allow The Sunroof to Open and Close

Non-slip rubber pads protect against scratches



Image 5.3: Illustration of the aerodynamic profile designed to reduce wind noise.

6. MAINTENANCE

Proper maintenance will ensure the longevity and continued safe operation of your roof rack cross bars.

- **Regular Inspection:** Periodically inspect all components for signs of wear, damage, or corrosion. Check that all bolts and fasteners are tight.
- **Cleaning:** Clean the cross bars with mild soap and water. Avoid abrasive cleaners or solvents that could damage the finish or plastic components. Rinse thoroughly and dry.
- **Lubrication:** If the locking mechanism becomes stiff, apply a small amount of graphite lubricant to the keyhole.
- **Storage:** If the cross bars are not in use for an extended period, consider removing them and storing them in a dry, protected area to prolong their lifespan.

7. TROUBLESHOOTING

Here are solutions to common issues you might encounter:

Issue	Possible Cause	Solution
Excessive Wind Noise	Improper installation, loose components, or specific vehicle aerodynamics.	Ensure cross bars are installed correctly and all fasteners are tight. Verify the aerodynamic profile is facing forward. Consider adjusting the position slightly if possible.
Difficulty Locking/Unlocking	Dust/debris in lock, stiff mechanism.	Clean the keyhole and apply a small amount of graphite lubricant. Ensure the key is fully inserted and turned correctly.
Cross Bars Feel Loose	Fasteners not tightened sufficiently.	Re-tighten all fasteners using the provided Allen wrench. Ensure the bases are properly seated on the flush side rails.
Cargo Shifting	Improperly secured cargo.	Always use appropriate tie-downs, straps, or specialized carriers to secure cargo firmly to the cross bars. Check cargo security before and during travel.

8. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	HmmttyRack
Model Number	HR0017
Material	High-grade Aluminum Alloy (bars), High-quality Plastic (base feet)
Load Capacity	300 Pounds (136 kg)
Item Weight	9.5 pounds
Product Dimensions (L x W x H)	40.2 x 5.9 x 3.7 inches
Mounting Type	Easy Snap
Automotive Fit Type	Vehicle Specific Fit

9. WARRANTY AND SUPPORT

9.1 Warranty Information

HmntyRack products are manufactured to high-quality standards and are covered by a manufacturer's warranty against defects in materials and workmanship. Specific warranty terms and duration may vary. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For any questions, concerns, or assistance with installation, operation, or troubleshooting that is not covered in this manual, please contact HmntyRack customer support. Refer to your purchase documentation or the HmntyRack official website for contact details.