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> Wonderdriver Roof Rack Cross Bars Instruction Manual for Hyundai Tucson 2016-2026 (Model WD3-102)

wonderdriver WD3-102

Wonderdriver Roof Rack Cross Bars Instruction Manual

Model: WD3-102

Compatible with Hyundai Tucson SE/SEL/N Line/Limited 2016-2026

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Wonderdriver Roof Rack Cross Bars. Designed for Hyundai Tucson SE/SEL/N Line/Limited models from 2016 to 2026, these heavy-duty aluminum cross bars offer a secure solution for transporting cargo on your vehicle's flush side rails.

SAFETY INFORMATION

- Always ensure cross bars are securely fastened before driving.
- Do not exceed the maximum load capacity of 220 lbs (100 kg). Distribute weight evenly.
- Regularly check all mounting hardware for tightness, especially after initial installation and before long trips.
- Be aware of increased vehicle height and potential changes in handling with cargo loaded.
- Avoid driving through automatic car washes with roof rack installed.
- Refer to your vehicle's owner manual for maximum roof load capacity and specific recommendations.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x Front Crossbar
- 1 x Rear Crossbar
- 4 x Aluminum Base Feet
- 1 x Allen Wrench
- Screws (main and spare)
- 2 x Keys
- Installation Instructions (this manual)

CARRY MORE EQUIPMENT FOR YOUR TRIP



Figure 1: Included components for the Wonderdriver Roof Rack Cross Bars.

SETUP AND INSTALLATION

The installation process is designed to be straightforward. Follow these steps carefully:

Step 1: Prepare the Cross Bars

1. Identify the front and rear cross bars. The front bar is typically longer than the rear bar. Each bar is marked with "FRONT" or "REAR" indicators.
2. Remove the screws from the ends of each crossbar.
3. Align the holes of the base feet with the holes on the crossbar ends. Insert the screws to link the base feet and crossbars. Do not fully tighten at this stage.
4. Adjust the length of the crossbar by sliding the base feet along the bar until it matches the width of your vehicle's roof rails.

Compatible with Hyundai Tucson 2016-2025



COMPATIBLE WITH FLUSH ROOF RAIL



With Flush Side Rails



Without Side Rails



Figure 2: Ensure your Hyundai Tucson has flush side rails for proper installation.

ANTI-THEFT DESIGN

ADDED METAL MECHANISM LOCK



Figure 3: The metal locking mechanism provides enhanced security for the cross bars.

Step 2: Position on Vehicle Roof Rails

4. Carefully place the assembled front cross bar onto the front section of your vehicle's flush side rails. Ensure the "FORWARD" arrow on the crossbar points towards the front of the vehicle.
5. Repeat for the rear cross bar, ensuring it is parallel to the front bar and positioned correctly on the rear section of the roof rails.

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Video 1: Installation demonstration of roof rack cross bars on a Hyundai Tucson. This video shows the process of attaching the crossbars to the vehicle's roof rails and securing them.

Step 3: Secure the Cross Bars

6. Using the provided Allen wrench, fully tighten the screws on the base feet to firmly clamp the cross bars onto the vehicle's roof rails. Ensure a snug and secure fit.
7. Close the side covers on the base feet and use the provided keys to lock them. This prevents theft and ensures the screws remain secure.

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Video 2: Detailed installation steps for the Wonderdriver roof rack, including tightening and locking mechanisms.

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Video 3: Another perspective on the installation of the 102 roof rack crossbars, demonstrating key steps for secure fitting.

OPERATING INSTRUCTIONS

Once installed, your Wonderdriver Roof Rack Cross Bars are ready for use. Observe the following guidelines:

- **Load Capacity:** The maximum load capacity for these cross bars is 220 lbs (100 kg). Do not exceed this weight.
- **Weight Distribution:** Distribute cargo weight as evenly as possible across the cross bars.
- **Securing Cargo:** Always use appropriate tie-down straps or nets to secure your cargo. The integrated tie-down loops on the base feet can assist in securing items.
- **Aerodynamic Design:** The aerodynamic profile of the cross bars is designed to minimize drag and reduce wind noise.



Figure 4: The cross bars can safely carry up to 220 lbs (100 kg) of cargo, such as bicycles.

TIE-DOWN LOOP

Easy to secure ropes and carry items

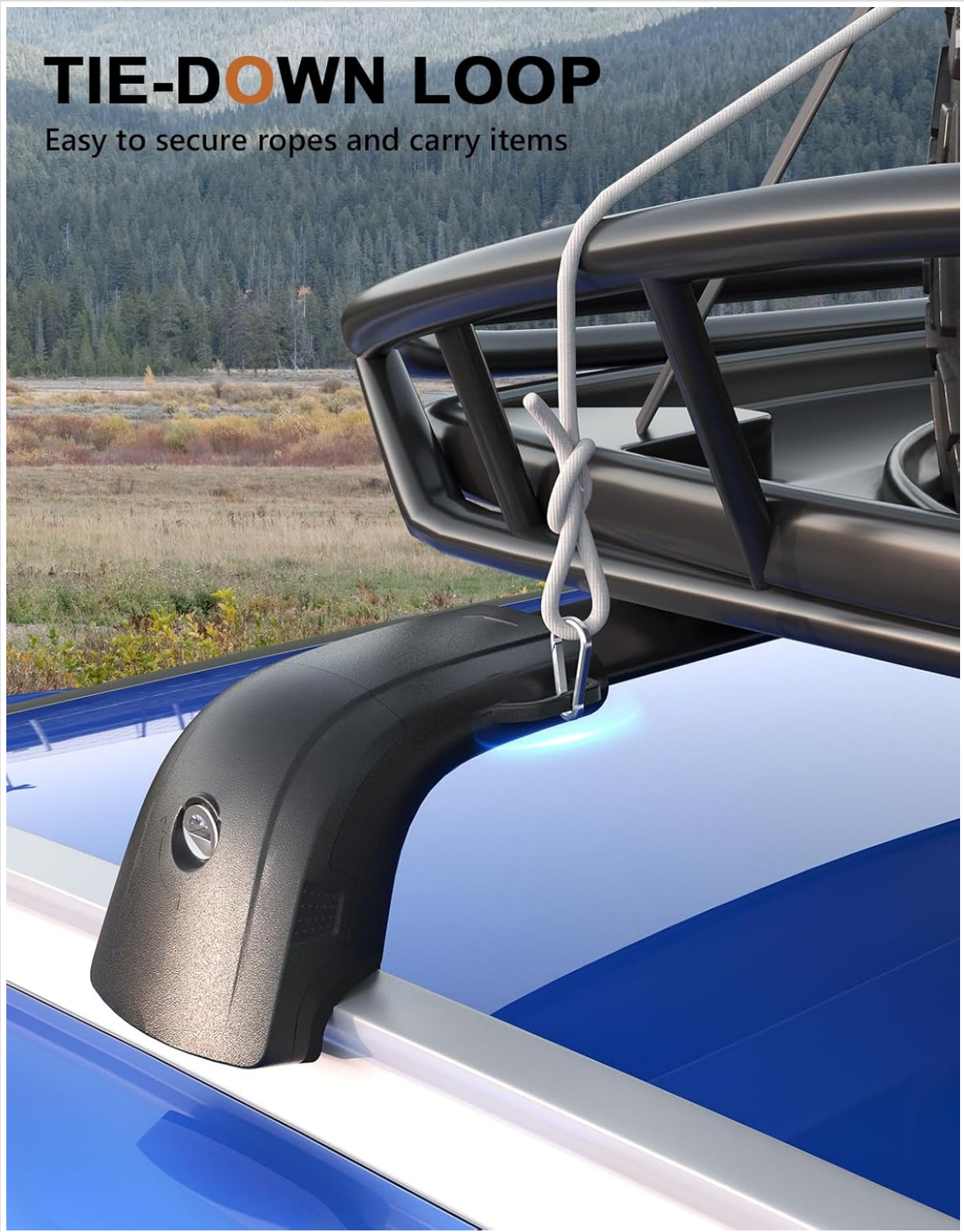


Figure 5: Utilize the integrated tie-down loops to securely fasten your luggage or equipment.

MAINTENANCE

To ensure the longevity and safe operation of your roof rack cross bars, perform regular maintenance:

- **Regular Inspection:** Periodically check all bolts, screws, and attachment points for tightness. Retighten as necessary.
- **Cleaning:** Clean the cross bars with mild soap and water. Avoid abrasive cleaners or solvents that could damage the finish.
- **Seasonal Removal:** If the cross bars are not in use for extended periods, consider removing them to reduce wear and tear and maintain vehicle aesthetics.

TROUBLESHOOTING

- **Excessive Wind Noise:** While the aerodynamic design minimizes noise, ensure all components are tightly secured. Loose parts can cause whistling or increased wind noise. Adjust the position slightly if needed.
- **Loose Fit:** If the cross bars feel loose, re-check and fully tighten all mounting screws. Ensure the base feet are correctly seated on the vehicle's flush side rails.
- **Locking Mechanism Difficulty:** If the keys are difficult to turn or the cover doesn't close properly, ensure no debris is obstructing the lock cylinder. Do not force the key or cover.

SPECIFICATIONS

Feature	Detail
Brand	Wonderdriver
Model	WD3-102
Compatibility	Hyundai Tucson SE/SEL/N Line/Limited 2016-2026 with Flush Side Rails
Load Capacity	220 Pounds (100 kg)
Material	Heavy Duty Aluminum Bar, High-Quality Plastic End Supports
Color	Black
Mounting Type	Vehicle Specific Fit (U-Bolt)
Product Dimensions (L x W x H)	40 x 6 x 4 inches
Item Weight	9.5 pounds

WARRANTY AND SUPPORT

For warranty information or technical support, please contact Wonderdriver customer service. Keep your purchase receipt as proof of purchase.

Contact information may be found on the product packaging or the official Wonderdriver website.