

wonderdriver wonderdriver

Wonderdriver Roof Rack Cross Bars User Manual

Model: wonderdriver (WD1922)

Heavy Duty 330lb Capacity for Jeep Wrangler JK JL Gladiator JT 2007-2025

1. PRODUCT OVERVIEW

The Wonderdriver Heavy Duty Roof Rack Cross Bars are designed to provide additional cargo carrying capacity for your Jeep Wrangler JK (2007-2018), Jeep Wrangler JL (2018-2025), and Jeep Gladiator JT (2019-2025) models. These aluminum crossbars are engineered for durability and versatility, allowing you to transport various rooftop accessories such as cargo bags, kayaks, bikes, and snowboards. The design prioritizes strength, ease of installation, and reduced wind noise during travel.

Key Features:

- **Stronger End Supports:** Constructed from high-quality steel for ultra-high hardness, corrosion resistance, and a longer service life, capable of withstanding up to 330 pounds of weight.
- **Vehicle Compatibility:** Specifically designed for Jeep Wrangler JK (2007-2018), Jeep Wrangler JL (2018-2025), and Jeep Gladiator JT (2019-2025) with hard tops that have a full-length gutter. Not compatible with soft top models.
- **Enhanced Versatility:** Ideal for securing cargo carriers, bike mounting racks, snowboards, roof boxes, roof bags, kayak racks, and canoe racks, expanding your vehicle's utility for outdoor adventures.
- **Reduced Wind Noise:** Features a low-profile and streamline design made from high-strength aircraft aluminum, effectively minimizing wind noise at high speeds.
- **Easy Installation:** Upgraded steel base feet simplify the installation process. The package includes all necessary tools and a clear instruction manual for straightforward assembly.

2. SAFETY INFORMATION

Before installing or using the roof rack cross bars, please read and understand all safety warnings and instructions. Failure to follow these guidelines may result in property damage, personal injury, or death.

- **Weight Limit:** Do not exceed the maximum load capacity of 330 pounds (150 kg). Distribute weight evenly across the cross bars.

- **Vehicle Compatibility:** Ensure your vehicle is compatible with this roof rack system (Jeep Wrangler JK/JL, Gladiator JT with hard top and full-length gutters). Incorrect fitment can lead to instability and damage.
- **Secure Installation:** Always ensure all bolts, screws, and fasteners are securely tightened before driving. Periodically check tightness, especially after initial installation and before long trips.
- **Cargo Security:** Properly secure all cargo to the cross bars using appropriate tie-downs, straps, or nets. Loose cargo can shift, fall, and cause accidents.
- **Driving Habits:** Adjust your driving speed and habits when carrying cargo on the roof. High speeds, sudden braking, or sharp turns can affect vehicle stability.
- **Clearance:** Be aware of increased vehicle height when cargo is loaded. Check for overhead clearances in garages, carports, and drive-thrus.
- **Regular Inspection:** Inspect the roof rack system regularly for any signs of wear, damage, or corrosion. Replace damaged components immediately.

3. WHAT'S IN THE BOX

Your Wonderdriver Roof Rack Cross Bars package includes the following components:

- 2 x Crossbars (Front and Rear)
- 4 x Base Feet (2 Front, 2 Rear)
- Screws
- Allen Wrench
- Sponge Pads
- End Caps
- Spare Parts
- Instruction Manual

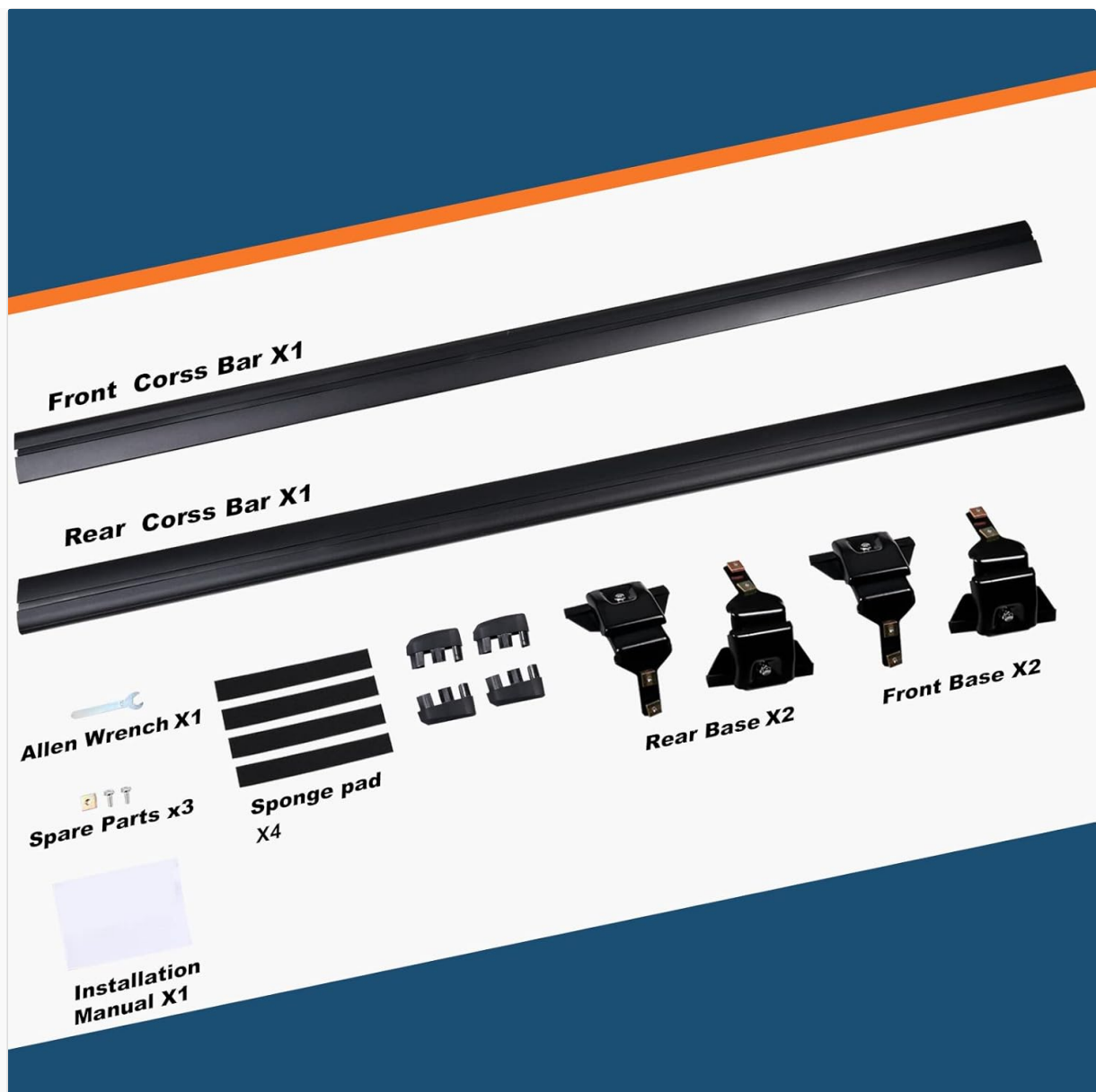


Image: All components included in the Wonderdriver roof rack cross bars package.

4. SETUP AND INSTALLATION

Follow these steps for proper installation of your Wonderdriver Roof Rack Cross Bars. It is recommended to have a second person assist with the installation to ensure proper alignment and safety.

4.1. Pre-Installation Check

- Verify all components listed in Section 3 are present.
- Ensure your Jeep has a hard top with a gutter running the entire length of the roof for proper installation.
- Clean the roof gutters where the cross bars will be mounted to ensure a secure fit.

Compatible with Jeep Wrangler & Jeep Gladiator 2007-2024



Compatible with Wrangler JK 07-18 & Wrangler JL 18-24 & 19-24 Jeep Gladiator JT with hard top



Not Compatible with vehicle with soft top

Image: Visual guide for vehicle compatibility, highlighting the requirement for a hard top with a full-length gutter.

4.2. Assembly Steps

The following video demonstrates the assembly process for the Wonderdriver Roof Rack Cross Bars:

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Video: Installation guide for the Wonderdriver Roof Rack Cross Bars on Jeep Wrangler and Gladiator models.

- 1. Identify Crossbars:** The length of the front and rear crossbars is the same. Identify the front and rear ends of each bar; the round head faces front, and the pointy head faces rear.
- 2. Attach End Supports:** Loosely attach the end supports to the crossbars using the provided screws. Do not tighten them fully at this stage.
- 3. Adjust Length:** The end supports allow for length adjustment. Adjust the length of each crossbar to fit your vehicle's roof width.
- 4. Tighten Screws:** Once the length is adjusted and the crossbar is positioned correctly on the roof, tighten all screws securely using the provided Allen wrench. Ensure both sides are equally tightened.
- 5. Install End Caps and Sponge Pads:** Place the sponge pads on the vehicle's roof gutters where the base feet will rest to prevent scratches. Install the end caps onto the crossbars.



Image: Installed Wonderdriver roof rack cross bars, demonstrating the secure fit on the vehicle's hard top.

RUBBER PROTECT CASES

Preventing scratches on your vehicle



Image: Detail of the rubber protection and sponge pads on the roof rack's base, designed to safeguard the vehicle's finish.

5. OPERATING GUIDELINES

Once installed, your Wonderdriver Roof Rack Cross Bars are ready to carry your gear. Adhere to the following guidelines for safe and effective operation:

- **Load Capacity:** The maximum load capacity for these cross bars is 330 pounds (150 kg). Never exceed this limit.
- **Weight Distribution:** Distribute the weight of your cargo as evenly as possible across both cross bars and the entire roof area. Avoid concentrating heavy loads in one spot.
- **Secure Cargo:** Always use appropriate tie-downs, straps, or cargo nets to securely fasten your items to the cross bars. Ensure there is no movement or shifting of cargo before driving.
- **Aerodynamic Design:** The streamlined design helps reduce wind noise. For optimal performance and fuel efficiency, consider using aerodynamic cargo boxes or bags.

Maximum load capacity

330LBS / 150KG

No limits on your adventure



Aerodynamic Design
Less wind noise



High-quality Aluminum
Light weight



Easy to install
No cutting



Image: A Jeep showcasing the roof rack's 330lb load capacity with two bikes mounted, ready for adventure.

CARRY MORE EQUIPMENT FOR YOUR TRIP



Image: The roof rack's versatility demonstrated with different types of cargo, including bikes, cargo boxes, and kayaks.

6. MAINTENANCE

Regular maintenance will ensure the longevity and safe operation of your Wonderdriver Roof Rack Cross Bars.

- **Check Fasteners:** Periodically inspect all screws and bolts for tightness. Vibrations from driving can cause fasteners to loosen over time.
- **Inspect for Damage:** Regularly check the cross bars, end supports, and base feet for any signs of cracks, bends, corrosion, or other damage. Replace any damaged components immediately.
- **Cleanliness:** Clean the cross bars and mounting points regularly to remove dirt, debris, and road salt, which can contribute to corrosion. Use mild soap and water, then rinse thoroughly.
- **Lubrication:** If any moving parts or adjustment mechanisms become stiff, apply a small amount of silicone-based lubricant.

7. TROUBLESHOOTING

If you encounter issues with your Wonderdriver Roof Rack Cross Bars, consider the following common solutions:

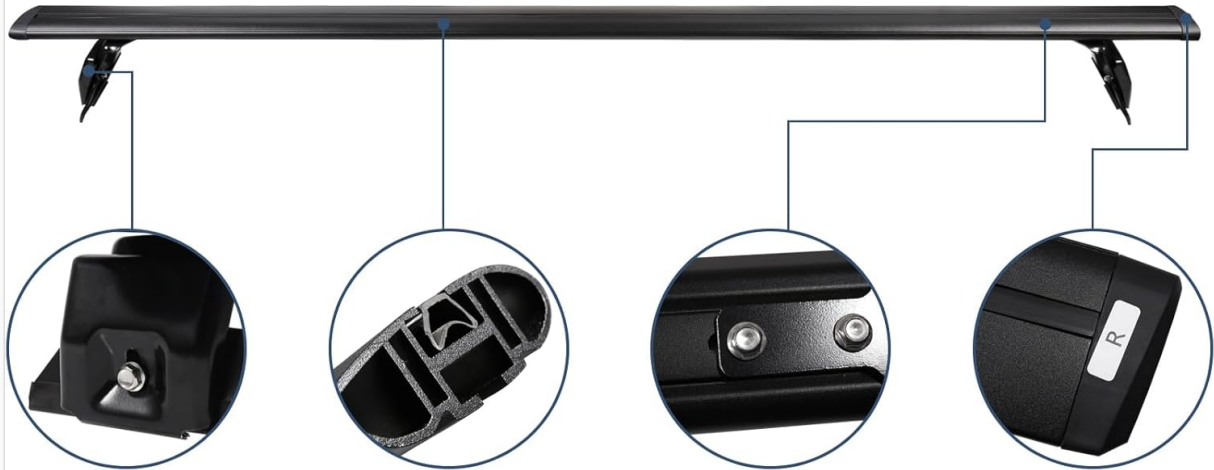
- **Excessive Wind Noise:** While designed to minimize noise, some wind noise is normal. Ensure the cross bars are installed with the correct orientation (round head front, pointy head rear). Verify all components are tightly secured.
- **Loose Fit:** If the cross bars feel loose, re-check all mounting screws and ensure they are tightened to the recommended specifications. Confirm that the base feet are correctly seated in the vehicle's roof gutters.
- **Difficulty Adjusting Length:** Ensure the screws holding the end supports are sufficiently loosened before attempting to adjust the length. Do not force adjustments.
- **Scratches on Vehicle:** Verify that the sponge pads and rubber protect cases are correctly positioned between the base feet and the vehicle's roof. Ensure no debris is trapped underneath.

If problems persist after attempting these troubleshooting steps, please contact Wonderdriver customer support for assistance.

8. SPECIFICATIONS

Attribute	Detail
Brand	wonderdriver
Model Number	WD1922
Color	Black
Item Dimensions (L x W x H)	62 x 6.3 x 7 inches
Load Capacity	330 Pounds (150 kg)
Mounting Type	Easy Snap
Automotive Fit Type	Vehicle Specific Fit
Item Weight	19 pounds

PRODUCT INFORMATION



PRODUCT NAME	LOAD CAPACITY	COLOR	FITMENT	MATERIAL
Roof Rack	330LBS 150KG	Black	Compatible with Jeep Wrangler 2007-2024	Aluminum

Image: Detailed product information diagram for the Wonderdriver roof rack.

9. WARRANTY AND SUPPORT

Wonderdriver stands behind the quality of its products.

- **Warranty:** Your Wonderdriver Roof Rack Cross Bars are backed with a 12-month warranty from the date of purchase. This warranty covers manufacturing defects and material flaws under normal use.
- **Optional Protection Plans:** Additional protection plans may be available for purchase, offering extended coverage beyond the standard manufacturer's warranty. Please refer to your retailer for details on available plans.
- **Customer Support:** If you have any concerns, questions, or require assistance with installation, operation, or warranty claims, please do not hesitate to contact Wonderdriver customer support. Refer to your purchase documentation or the manufacturer's website for contact information.