

## Barnes 4WD B4WK12732

# Barnes 4WD Passenger Rear Window Molle Panel for Jeep XJ

Model: B4WK12732

## 1. INTRODUCTION

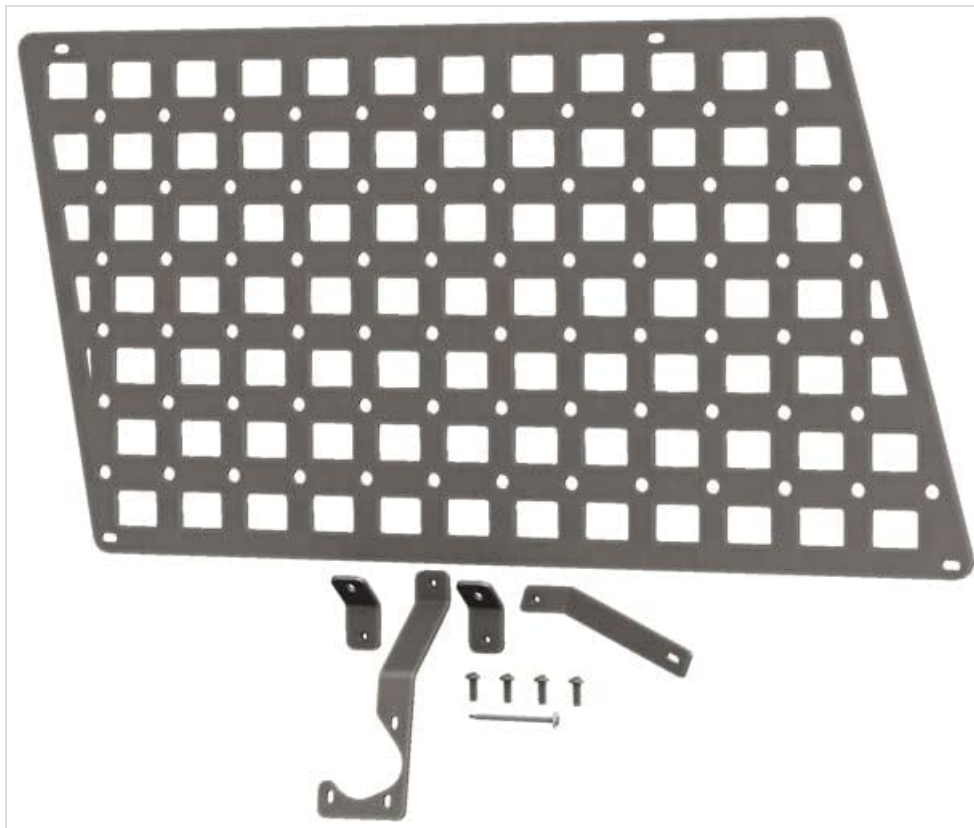
This manual provides detailed instructions for the installation, operation, and maintenance of your Barnes 4WD Passenger Rear Window Molle Panel. This panel is designed to enhance storage capabilities in the rear of your 1984-2001 4-door Jeep Cherokee by providing a secure mounting surface for various accessories.

The panel and its associated brackets are precision laser-cut and bent from 11 GA steel, ensuring durability for demanding off-road conditions. This specific kit is designed for the passenger side rear window. Please ensure you have the correct side before proceeding with installation.

### 1.1. Package Contents

Verify that all components are present before beginning installation:

- 1x Barnes 4WD Passenger Rear Window Molle Panel (Alloy Steel, Unfinished)
- Mounting Brackets (specific to passenger side)
- Required Fasteners (bolts, nuts, washers)



**Figure 1.1:** Contents of the Barnes 4WD Molle Panel kit, showing the main panel, various mounting brackets, and fasteners.



**Figure 1.2:** The Barnes 4WD Passenger Rear Window Molle Panel, showcasing its grid pattern for accessory attachment and pre-drilled mounting points.

## 2. SAFETY INFORMATION

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Please read and understand all safety warnings and instructions before installation and use. Failure to follow these instructions may result in property damage or personal injury.

- **Personal Protective Equipment:** Always wear appropriate personal protective equipment, such as safety glasses and gloves, during installation.
- **Vehicle Stability:** Ensure your vehicle is parked on a level surface with the parking brake engaged before beginning any work.

- **Sharp Edges:** The panel and brackets are made of steel and may have sharp edges. Handle with care to prevent cuts.
- **Unfinished Steel:** This product is supplied in bare steel. It **must** be painted or powder coated before installation to prevent rust and corrosion. Failure to do so will void any implied warranty regarding finish.
- **Secure Fasteners:** Ensure all fasteners are tightened securely to prevent the panel from becoming loose during vehicle operation. Periodically check tightness.
- **Weight Capacity:** Do not overload the Molle panel. Distribute weight evenly and ensure attached items do not obstruct visibility or interfere with vehicle operation.

### 3. SETUP AND INSTALLATION

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This section outlines the steps for properly installing your Barnes 4WD Passenger Rear Window Molle Panel.

#### 3.1. Pre-Installation Preparation

1. **Inspect Components:** Unpack all components and inspect them for any shipping damage or missing parts.
2. **Surface Preparation:** As the panel is bare steel, it is crucial to clean, prime, and paint or powder coat the panel and brackets before installation. Allow adequate drying time according to the coating manufacturer's instructions.
3. **Gather Tools:** Ensure you have the necessary tools for installation, which typically include wrenches, sockets, and possibly a drill (if new mounting points are required, though typically not for this product).

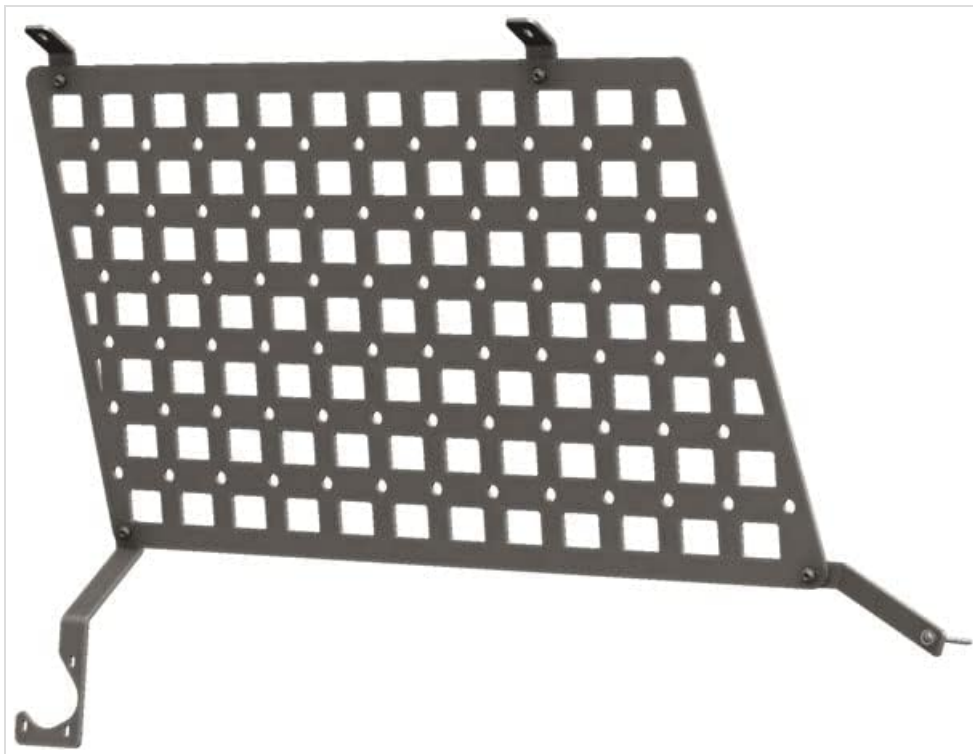
#### 3.2. Installation Steps

The Molle panel is designed to mount in four locations within the rear window area of your Jeep XJ. Specific mounting points will utilize existing vehicle structures.

1. **Position Brackets:** Identify the four mounting locations in the passenger rear window area of your Jeep Cherokee. Attach the appropriate mounting brackets to these locations using the provided fasteners. Some brackets may attach to existing bolt points (e.g., seat belt mounts, trim panel fasteners), while others may require minor adjustments to interior trim.
2. **Align Panel:** Carefully position the Molle panel against the mounted brackets. Ensure the panel is oriented correctly for the passenger side.
3. **Secure Panel:** Attach the Molle panel to the brackets using the remaining fasteners. Start all fasteners by hand to avoid cross-threading.
4. **Tighten Fasteners:** Once all fasteners are in place, progressively tighten them with appropriate tools. Do not overtighten, but ensure they are snug and secure.
5. **Final Check:** Gently attempt to move the installed panel to confirm it is securely mounted and does not rattle or shift.



**Figure 3.1:** The Barnes 4WD Molle Panel installed in the rear passenger window of a Jeep Cherokee, demonstrating its secure fitment and integration with the vehicle's interior.



**Figure 3.2:** An alternative view of the installed Molle panel, showing the mounting points and the overall appearance within the vehicle's rear window frame.

## 4. OPERATING INSTRUCTIONS

The Barnes 4WD Molle Panel provides a versatile platform for organizing and securing gear within your vehicle.

- **Molle System Compatibility:** The panel features a standard Molle (Modular Lightweight Load-carrying Equipment) grid pattern. This allows for the attachment of Molle-compatible pouches, bags, and accessories using webbing straps or clips.
- **Secure Storage:** Utilize the Molle grid to securely fasten items, preventing them from shifting or becoming projectiles during off-road travel or sudden stops.

- **Customization:** Arrange your gear as needed for quick access and optimal organization.
- **Weight Distribution:** When attaching heavy items, distribute the weight across the panel and ensure the items are firmly secured to prevent undue stress on the panel or mounting points.

## 5. MAINTENANCE

Regular maintenance will ensure the longevity and continued performance of your Molle panel.

- **Cleaning:** Clean the panel periodically with a mild automotive cleaner and a soft cloth. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- **Fastener Check:** Routinely inspect all mounting fasteners for tightness. Vibration from vehicle operation can cause fasteners to loosen over time. Retighten as necessary.
- **Finish Inspection:** If the panel was painted or powder coated, inspect the finish for chips, scratches, or signs of rust. Touch up or re-coat as needed to maintain protection against corrosion.
- **Structural Integrity:** Periodically check the panel and brackets for any signs of damage, cracks, or deformation. Replace any damaged components immediately.

## 6. TROUBLESHOOTING

If you encounter issues during or after installation, consider the following common solutions:

- **Panel Does Not Fit:**
  - Ensure you have the correct panel for the passenger side rear window. This product is side-specific.
  - Verify that your vehicle is a 1984-2001 4-door Jeep Cherokee.
  - Check for any obstructions in the mounting area that might prevent proper alignment.
- **Panel Rattles After Installation:**
  - Re-check all mounting fasteners to ensure they are securely tightened.
  - Inspect for any contact points between the panel/brackets and the vehicle's interior trim that might be causing noise. Adjust if possible.
- **Rust Appears on Panel:**
  - This product is bare steel and requires painting or powder coating before installation to prevent rust. If rust appears, it indicates the protective coating was insufficient or damaged. Address immediately by cleaning, sanding, and re-coating the affected area.

## 7. SPECIFICATIONS

Model Number	B4WK12732
Brand	Barnes 4WD
Compatibility	1984-2001 4-Door Jeep Cherokee (Passenger Side)
Material	11 GA Alloy Steel
Finish	Unfinished (requires painting/powder coating)
Special Features	Molle System, Adjustable Mounting
Approximate Item Weight	9 pounds (4.08 kg)
Approximate Product Dimensions (L x W x H)	36"D x 36"W x 36"H (Note: These dimensions may refer to packaging or overall space, not exact panel size.)

For specific warranty information, please refer to the documentation provided with your purchase or visit the official Barnes 4WD website. If you have any questions regarding installation, operation, or troubleshooting that are not covered in this manual, please contact Barnes 4WD customer support directly.

Please visit [www.barnes4wd.com](http://www.barnes4wd.com) for the most current support and contact details.

## Related Documents - B4WK12732

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Comprehensive installation guide for the Barnes 4WD Jeep JT & JL Rubicon 7075 T6 Aluminum Steering Kit (Part Number B4WK12926). Includes tools, bill of materials, step-by-step assembly, and maintenance advice.

Detailed installation instructions for the Barnes 4WD XJ/MJ Track Bar Brace System, including tools required, parts list, and step-by-step guidance for Jeep Cherokee and Comanche models.