Barnes 4WD B4WK12803

Barnes 4WD Badlands 3 Ton Jack Mount Instruction Manual

Model: B4WK12803

1. Product Overview

The Barnes 4WD Badlands 3 Ton Jack Mount is designed to securely hold your Badlands 3 Ton Jack (compatible with Harbor Freight part# 59136) in various locations, ensuring it remains stable during transport or off-road use. This mount is constructed from American 11 gauge steel, laser cut, and CNC bent for precision and durability. It includes all necessary stainless steel hardware, spring clamps, and a lockable latch for reliable securing.
The design incorporates multiple mounting points, allowing for versatile installation on surfaces such as the Barnes 4WD Axis bed rack, Molle panels, or custom drilled locations.

2. Before Installation

The jack mount is shipped in bare steel and requires a protective coating (such as paint or powder coat) before installation to prevent corrosion and ensure longevity. Ensure all components are present and undamaged before proceeding.

- Jack Mount Bracket
- Stainless Steel Hardware (bolts, nuts, washers)
- Spring Clamps
- Lockable Latch

3. Installation Instructions

This section outlines the general steps for installing the Barnes 4WD Badlands 3 Ton Jack Mount. Specific mounting locations and methods may vary based on your vehicle and chosen setup (e.g., bed rack, Molle panel, or custom application).

1. **Prepare the Mount:** If not already done, apply a protective coating (paint or powder coat) to the bare steel mount and allow it to cure completely.
2. **Select Mounting Location:** Identify a suitable, structurally sound location on your vehicle or accessory (e.g., bed rack, Molle panel) where the jack mount will be installed. Consider accessibility and weight distribution.
3. **Position the Mount:** Place the jack mount in the desired position. The mount features various pre-drilled holes for flexible attachment.
4. **Mark and Drill (if necessary):** If using a custom mounting location without existing holes, carefully mark the drilling

points through the mount's holes onto the mounting surface. Ensure no critical vehicle components (wiring, fuel lines, etc.) are behind the drilling area. Drill pilot holes as needed.

5. **Secure the Mount:** Using the provided stainless steel hardware (bolts, washers, nuts), attach the mount to your chosen surface. Tighten all fasteners securely, but do not overtighten.
6. **Install Spring Clamps and Latch:** Attach the spring clamps and lockable latch to the designated points on the mount using the remaining hardware. These components are crucial for securing the jack.



Image 1: The Barnes 4WD Badlands 3 Ton Jack Mount in its bare steel finish. This image shows the overall structure and pre-drilled mounting points.



Image 2: The jack mount installed in a truck bed, demonstrating a typical mounting application. A Badlands 3 Ton Jack is shown secured within the mount.

4. Operating Instructions

Once the mount is securely installed, follow these steps to properly secure and store your Badlands 3 Ton Jack:

1. **Place the Jack:** Carefully position your Badlands 3 Ton Jack into the mount. Ensure it sits flush and is properly aligned within the bracket.
2. **Secure with Clamps:** Engage the spring clamps over the jack to hold it firmly in place.
3. **Engage Latch:** Close and secure the lockable latch. For added security, a padlock (not included) can be used with the latch mechanism.
4. **Store Jack Handle:** The mount includes designated locations to store the jack handle underneath the main jack

body, keeping it organized and preventing rattling.



Image 3: A Badlands 3 Ton Jack fully secured within the Barnes 4WD mount, showing the clamps and latch in position.

5. Maintenance

Regular maintenance ensures the longevity and proper function of your jack mount:

- **Protective Coating:** Periodically inspect the mount's protective coating for chips, scratches, or signs of rust. Touch up or reapply coating as needed, especially if the mount was initially left bare steel.
- **Hardware Inspection:** Regularly check all bolts, nuts, and washers for tightness. Retighten any loose fasteners to prevent rattling or detachment.
- **Clamps and Latch:** Ensure the spring clamps and lockable latch operate smoothly and securely. Clean any dirt or debris that may hinder their function. Lubricate moving parts if necessary.
- **Cleaning:** Clean the mount with mild soap and water to remove dirt, mud, or road grime. Dry thoroughly to prevent rust.

6. Troubleshooting

- **Jack is not secure in mount:**
  Ensure the jack is properly seated within the mount. Verify that the spring clamps are fully engaged and the lockable latch is closed and secured. Check for any obstructions preventing proper seating.
- **Mount feels loose:**
  Inspect all mounting hardware. Tighten any loose bolts or nuts. If the mounting surface itself is compromised, consider reinforcing it or choosing an alternative mounting location.
- **Rust appearing on mount:**
  This indicates the protective coating may be damaged or insufficient. Clean the rusted area, sand it down, and apply a new layer of rust-inhibiting primer and paint/powder coat.

7. Specifications

Feature	Detail
Brand	Barnes 4WD
Model Number	B4WK12803
Compatible Jack	Badlands 3 Ton Jack (Harbor Freight part# 59136)
Material	American 11 Gauge Steel
Finish	Bare Steel (requires coating)
Item Weight	13 pounds
Included Hardware	Stainless Steel Hardware, Spring Clamps, Lockable Latch

8. Warranty and Support

For information regarding product warranty, returns, or technical support, please refer to the official Barnes 4WD website or contact their customer service directly. Keep your purchase receipt for warranty claims.

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