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National Hardware N129-031

National Hardware N129-031 V286 Extra Heavy T Hinges 4 Inch Instruction Manual

Model: N129-031 | Brand: National Hardware

INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of the National Hardware N129-031 V286 Extra Heavy T Hinges. These 4-inch hinges are designed for heavy-duty applications, offering durability and corrosion resistance.

Key Features

- **2-Pack:** Product includes two hinges.
- **Offset Screw Holes:** Designed to provide extra strength and prevent wood splitting during installation.
- **Tight Pin:** Allows for use in both left and right-hand applications.
- **Heavy-Duty Construction:** Built for demanding applications.
- **Hot-Rolled Steel:** Manufactured from hot-rolled steel for enhanced durability.
- **Zinc Plated Finish:** Provides corrosion resistance for functional hardware needs.



Image: A single National Hardware N129-031 V286 Extra Heavy T Hinge, 4 inches in size, with a zinc-plated finish. The hinge features a rectangular mounting plate with three screw holes and a triangular leaf with two screw holes, connected by a central pin.

SPECIFICATIONS

Brand	National Hardware
Model Number	N129-031
Size	4 Inch
Material	Zinc, Steel (Hot-rolled steel)
Finish Type	Zinc Plated
Mounting Type	Face Mount
Product Dimensions	4"L x 4"W
Item Weight	8.3 ounces
Unit Count	1.0 Count (per hinge, sold as 2-pack)
UPC	038613129030

INSTALLATION INSTRUCTIONS

Follow these steps for proper installation of your National Hardware T Hinges.

- 1. Prepare the Surface:** Ensure the mounting surface (e.g., door, gate, frame) is clean, dry, and structurally sound.

Mark the desired hinge locations.

2. **Position the Hinge:** Place the rectangular leaf of the T hinge onto the frame and the triangular leaf onto the door or gate. Ensure the hinge is level and aligned correctly for smooth operation.
3. **Mark Screw Holes:** Use a pencil or marker to mark the positions of the offset screw holes on both the frame and the door/gate. The offset design helps prevent wood splitting.
4. **Drill Pilot Holes:** Drill pilot holes at the marked locations. The size of the pilot drill bit should be slightly smaller than the diameter of the screws to ensure a secure fit without splitting the wood. *(Note: Mounting screws are not included and must be purchased separately.)*
5. **Attach the Hinge:** Secure the hinge to the frame and door/gate using appropriate screws. Tighten screws firmly but avoid over-tightening, which can strip the wood or damage the hinge.
6. **Check Alignment:** After installation, open and close the door or gate several times to ensure smooth operation and proper alignment. Adjust if necessary.

OPERATION

The National Hardware N129-031 V286 T Hinges are designed for simple and reliable operation. Once properly installed, the hinges allow for a full range of motion for opening and closing doors, gates, or other hinged applications. The tight pin design ensures consistent movement and can be used for both left-hand and right-hand installations.

MAINTENANCE

To ensure the longevity and optimal performance of your T hinges, consider the following maintenance guidelines:

- **Regular Cleaning:** Periodically wipe down the hinges with a damp cloth to remove dirt and debris. Avoid abrasive cleaners that could damage the zinc-plated finish.
- **Lubrication:** If the hinges begin to squeak or feel stiff, apply a small amount of silicone-based lubricant or light machine oil to the pin and barrel area. Wipe off any excess lubricant.
- **Check Fasteners:** Periodically inspect all mounting screws to ensure they remain tight. Re-tighten any loose screws to maintain stability and prevent hinge sag.
- **Corrosion Inspection:** While zinc plating offers corrosion resistance, inspect the hinges regularly for any signs of rust, especially in outdoor or high-moisture environments. Address any corrosion promptly to prevent further damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Hinge Squeaks	Lack of lubrication; dirt/debris in the pin.	Apply lubricant to the hinge pin. Clean any visible debris.
Door/Gate Sags or Drags	Loose mounting screws; improper installation; excessive weight.	Tighten all mounting screws. Re-evaluate installation alignment. Ensure the door/gate weight does not exceed hinge capacity.
Hinge is Stiff or Hard to Move	Corrosion; dirt buildup; lack of lubrication.	Clean the hinge thoroughly. Apply lubricant. Inspect for corrosion and address if present.

WARRANTY AND SUPPORT

For specific warranty information or technical support regarding your National Hardware N129-031 V286 Extra Heavy T Hinges, please refer to the official National Hardware website or contact their customer service department.

[Visit the National Hardware Store on Amazon](#)

