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Hillman 853354

Hillman 853354 Heavy T-Hinge Instruction Manual

Model: 853354

INTRODUCTION

This manual provides instructions for the proper installation, operation, and maintenance of your Hillman 853354 Heavy T-Hinge. This stainless steel hinge is designed for durability and versatility in various applications, including gates, barn doors, and storage bins.

PRODUCT OVERVIEW

The Hillman 853354 Heavy T-Hinge is constructed from stainless steel, offering resistance to corrosion, making it suitable for outdoor and humid environments. Its design features a fixed pin for enhanced durability and can be used for both right-hand and left-hand applications. It is ideal for projects requiring wide mounting surfaces, such as storage bins, barn doors, gates, and tool boxes, and is compatible with 2x4 and 4x4 posts.



Image: Front view of the Hillman 853354 Heavy T-Hinge in its packaging, displaying the 3-1/2 inch stainless steel hinge and included screws.

Key Features

- **Wide Mounting Surface Compatibility:** Suitable for storage bins, barn doors, gates, and tool boxes.
- **Post Compatibility:** Designed for use with 2x4 or 4x4 posts.
- **Ambidextrous Design:** Can be installed for right or left-hand applications.
- **Fixed Pin:** Provides additional durability during swinging and resting periods.
- **Material:** Stainless Steel for corrosion resistance.

SPECIFICATIONS

Attribute	Detail
Material	Stainless Steel
Brand	Hillman
Finish Type	Unfinished
Mounting Type	Door Mount, Surface
Hole Count	12 (6 per leaf)
Unit Count	1.0 Count (single hinge unit)
Color	Stainless Steel
Manufacturer	The Hillman Group
Part Number	853354
Item Weight	12.8 ounces
Product Dimensions	1.75 x 5.75 x 7.5 inches
Size	3-1/2 Inch
Style	Heavy Duty
Item Package Quantity	1

SETUP AND INSTALLATION

Before beginning installation, ensure you have the necessary tools and safety equipment, including safety goggles.

Tools Required

- Pencil
- Drill
- Drill Bit (3/32 inch recommended)
- Screwdriver

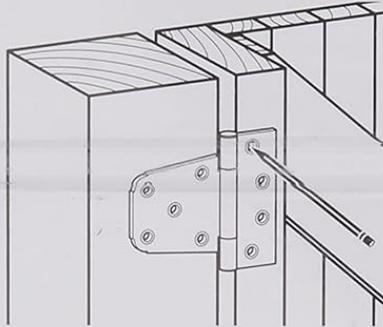
HILLMAN™

Wear safety goggles
Portez des lunettes de sécurité
Utilice gafas protectoras

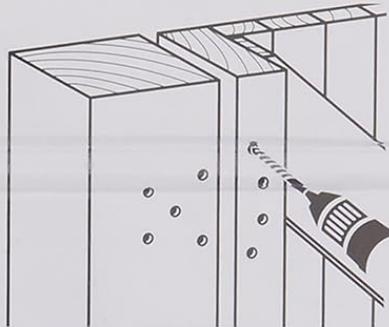
Tools Required
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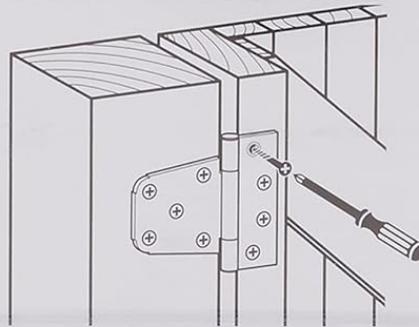
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USES: Ideal for narrow mounting surfaces such as 4x4 posts and gates with 2x4 framing. Stainless steel for maximum rust protection in outdoor use and humid areas.

UTILISATIONS: Idéal pour les surfaces de montage étroites, tels que les poteaux de 4x4 et les barrières avec cadre de 2x4. L'acier inoxydable assure une protection antirouille maximale à l'extérieur et dans les endroits humides.

USOS: Ideal para superficies de montaje angostas, como postes de 4 x 4 y portones con marcos de 2 x 4. Acero inoxidable con máxima protección contra la corrosión para uso en exteriores y áreas húmedas.

HARDWARE
ESSENTIALS™

The Hillman Group Inc.
Cincinnati, Ohio 45231

Made in China
Fabriqué en Chine
Hecho en China



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Image: Back of the product packaging illustrating the three-step installation process for the T-hinge on a wooden post and door.

Installation Steps

- 1. Positioning:** Place the hinge in the desired location on the door and the post. Mark the screw hole positions with a pencil. Ensure the hinge is level and correctly aligned for proper door swing.
- 2. Pilot Holes:** Using a drill with a 3/32 inch drill bit, carefully drill pilot holes at each marked position. Pilot holes prevent wood splitting and ensure screws are driven straight.
- 3. Secure Hinge:** Align the hinge with the pilot holes and secure it using the provided screws and a screwdriver. Ensure all screws are tightened firmly but do not overtighten to avoid stripping the wood or screws.

This hinge is designed for full or half surface installations and can be used on either the right or left side of the application.

OPERATING INSTRUCTIONS

Once installed, the Hillman Heavy T-Hinge allows for smooth pivoting of the attached door, gate, or lid. The fixed pin design ensures stability during opening and closing. Operate the door or gate gently to prevent undue stress on the hinges and mounting surfaces.

MAINTENANCE

The stainless steel construction of this hinge provides excellent corrosion resistance, minimizing the need for extensive maintenance.

- **Cleaning:** Periodically wipe the hinges with a damp cloth to remove dirt and debris. For stubborn grime, a mild soap solution can be used, followed by rinsing and drying.
- **Lubrication:** If the hinge begins to squeak or stiffen over time, apply a small amount of silicone-based lubricant to the hinge pin and moving parts. Avoid oil-based lubricants that can attract dirt.
- **Inspection:** Regularly check all mounting screws for tightness. Retighten any loose screws to ensure the hinge remains securely attached. Inspect for any signs of wear or damage and replace if necessary.

TROUBLESHOOTING

- **Door/Gate Sags:** Check if all mounting screws are tight. If screws are loose, retighten them. If the wood is stripped, consider using longer screws or relocating the hinge slightly.
- **Hinge Squeaks:** Apply a silicone-based lubricant to the hinge pin.
- **Difficulty Opening/Closing:** Ensure the hinge is properly aligned and not binding. Check for obstructions around the door or gate.

WARRANTY AND SUPPORT

For warranty information or technical support regarding your Hillman 853354 Heavy T-Hinge, please refer to the manufacturer's official website or contact their customer service department. Keep your purchase receipt for any warranty claims.

Manufacturer: The Hillman Group

Website: www.hillmangroup.com