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› [McKinney Products](#) /

› McKinney Products MPB79 4 1/2X4 1/2 26D Steel Hinge User Manual

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INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the McKinney Products MPB79 4 1/2X4 1/2 26D Steel Hinge. Please read these instructions carefully before beginning installation to ensure proper function and longevity of the product.

PRODUCT OVERVIEW

The MPB79 hinge is a contractor-grade, standard weight bearing hinge designed for various door applications. It features a satin chrome finish and is constructed from durable steel.

Key Features

- Macpro hinge line
- Bearing hinge for smooth operation
- Satin chrome finish
- Standard weight construction
- Material: Steel
- Dimensions: 4.5"L x 4.5"W

PACKAGE CONTENTS

Verify that all components are present before beginning installation.

- MPB79 4 1/2X4 1/2 26D Steel Hinges (Quantity: 3)
- Mounting Screws (typically included for standard installation)

SETUP AND INSTALLATION

Tools Required

- Screwdriver (appropriate type for mounting screws)

- Measuring Tape
- Pencil
- Drill (optional, for pilot holes)
- Chisel (if mortising is required)

Installation Steps

1. **Preparation:** Ensure the door frame and door edge are clean and free of debris. If replacing existing hinges, remove the old hardware.
2. **Positioning:** Determine the correct placement for each hinge on the door and frame. Standard practice is to place hinges approximately 7 inches from the top and 11 inches from the bottom of the door, with a third hinge centered if applicable.
3. **Mortising (if required):** If the hinges are to be mortised (recessed), carefully mark the outline of the hinge on both the door and the frame. Use a chisel to create a recess that allows the hinge to sit flush with the surface.
4. **Attaching to Door:** Align the hinge leaf with the marked position on the door. Use a pencil to mark the screw hole locations. Drill pilot holes if necessary to prevent wood splitting. Secure the hinge leaf to the door using the provided screws.
5. **Attaching to Frame:** Position the door within the frame, ensuring proper alignment and gap. Align the other hinge leaf with the marked position on the door frame. Mark and drill pilot holes, then secure the hinge leaf to the frame.
6. **Final Adjustment:** Close the door slowly to check for proper operation. Adjust screws as needed to ensure smooth movement and a consistent gap around the door.



Image: A single McKinney Products MPB79 4 1/2X4 1/2 26D Steel Hinge. This image illustrates the hinge's satin chrome finish and overall design, useful for identifying the product during installation.

OPERATING INSTRUCTIONS

Once properly installed, the MPB79 bearing hinges are designed for smooth and quiet door operation. No specific operational steps are required beyond opening and closing the door.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your hinges.

- **Cleaning:** Wipe hinges periodically with a soft, damp cloth to remove dust and grime. Avoid abrasive cleaners that may damage the satin chrome finish.
- **Lubrication:** If hinges begin to squeak or stiffen, apply a small amount of silicone-based lubricant to the hinge pins. Open and close the door several times to distribute the lubricant.

- **Tightening Screws:** Periodically check all mounting screws and tighten them if they have become loose. Loose screws can lead to door sagging or misalignment.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Door Squeaks	Lack of lubrication	Apply silicone-based lubricant to hinge pins.
Door Sags or Drags	Loose mounting screws	Tighten all hinge mounting screws.
Door Does Not Close Properly	Misalignment during installation, bent hinge	Check hinge alignment and adjust if possible. Inspect hinges for damage; replace if bent.

SPECIFICATIONS

- **Model Number:** MPB79 4 1/2X4 1/2 26D
- **Material:** Steel
- **Finish Type:** Chrome (Satin Chrome)
- **Product Dimensions:** 4.5"L x 4.5"W
- **Mounting Type:** Face Mount (or Mortise, depending on installation)
- **Unit Count:** 3.0 Count (per pack)
- **Item Weight:** Approximately 1 pound (for the pack)
- **Manufacturer:** ASSA ABLOY
- **UPC:** 049306855273

WARRANTY AND SUPPORT

For warranty information or technical support regarding your McKinney Products MPB79 hinges, please contact McKinney Products directly or refer to their official website. Keep your purchase receipt as proof of purchase.

Manufacturer: ASSA ABLOY

Brand: McKinney Products

Contact Information: Please visit the official McKinney Products website for the most current contact and support details.

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