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Rockwood 555

Rockwood 555 12" US10BE Manual Flush Bolt Instruction Manual

For Hollow Metal Steel Doors

1. INTRODUCTION

The Rockwood 555 12" US10BE Manual Flush Bolt is designed for use with hollow metal steel doors, providing a secure and concealed locking mechanism. This flush bolt features an Oil Rubbed Bronze Equivalent Plated finish (BHMA 613E) and is UL Approved under code 13S2, suitable for fire-rated hollow metal swinging doors up to 4' wide x 10' high, rated up to and including 3 hours. It is compatible with A, B, C, D, & E labeled metal doors.

This manual provides detailed instructions for the proper installation, operation, and maintenance of your Rockwood 555 flush bolt to ensure optimal performance and longevity.





Figure 1: Rockwood 555 12" US10BE Manual Flush Bolt (assembled view).

2. SETUP AND INSTALLATION

Proper installation is crucial for the functionality and safety of the flush bolt. This flush bolt is designed to fit ANSI A115 door and frame preparations.

2.1 Components Included

- Flush Bolt Assembly (Face Plate, Rod, Adjustable Bolt Head)
- Guide (1" x 2")
- Strike (15/16" x 2-1/4")
- Fasteners: 8 ea. #8 x 3/4 FH Combo Screws





Figure 2: Disassembled components of the Rockwood 555 flush bolt.

2.2 Recommended Tools

- Screwdriver (compatible with combo screws)

- Measuring Tape
- Pencil or Marker
- Drill (if pre-drilling is required for pilot holes)
- Chisel or Router (for mortising if door is not prepped)

2.3 Installation Steps

1. **Prepare Door:** Ensure the door and frame are prepped according to ANSI A115 standards for flush bolt installation. This includes mortises for the face plate, rod channel, and strike plate.
2. **Insert Rod:** Carefully insert the 12" rod (standard length from center of face to bolt end - retracted) into the pre-drilled channel within the door.
3. **Position Face Plate:** Align the flush bolt face plate (6-3/4" hi x 1" wi) with the mortise on the door edge. Ensure the bolt mechanism operates freely.
4. **Secure Face Plate:** Use the provided #8 x 3/4 FH Combo Screws to firmly attach the face plate to the door.
5. **Install Guide:** Position the guide (1" x 2") on the door edge, typically near the top or bottom, to support the rod. Secure it with appropriate fasteners (not specified, typically small wood screws or machine screws depending on door material).
6. **Install Strike Plate:** Mount the strike plate (15/16" x 2-1/4") on the door frame or floor, ensuring it aligns perfectly with the extended bolt. For bottom bolts, it is recommended to use a Rockwood #570 Dust Proof Strike (sold separately) to prevent dirt and debris from blocking the strike opening.
7. **Adjust Bolt Head:** The bolt head is adjustable by 1-1/2". Extend the bolt and adjust its length as needed to ensure proper engagement with the strike plate without binding.
8. **Test Operation:** Fully extend and retract the bolt several times to confirm smooth operation and secure engagement.

3. OPERATING INSTRUCTIONS

The Rockwood 555 Manual Flush Bolt operates with a simple lever mechanism.

- **To Engage the Bolt:** Slide the lever on the face plate upwards (for a top bolt) or downwards (for a bottom bolt) until the bolt extends into the strike plate, securing the door.
- **To Disengage the Bolt:** Slide the lever in the opposite direction until the bolt fully retracts into the door, allowing the door to open freely.

Ensure the bolt fully extends into the strike for maximum security and retracts completely to prevent damage when opening the door.

4. MAINTENANCE

Regular maintenance will help preserve the appearance and functionality of your flush bolt.

- **Cleaning:** Clean the exposed surfaces of the flush bolt periodically with a soft, damp cloth. Avoid abrasive cleaners or harsh chemicals, as these can damage the finish. For stubborn dirt, a mild soap solution can be used, followed by wiping dry.
- **Lubrication:** If the bolt mechanism feels stiff or difficult to operate, apply a small amount of silicone-based lubricant to the moving parts of the lever and the bolt rod. Do not use oil-based lubricants as they can attract dust and debris.
- **Inspection:** Periodically check all screws to ensure they are tight. Inspect the bolt and strike plate for

any signs of wear or damage. Address any issues promptly to prevent further deterioration.

5. TROUBLESHOOTING

If you encounter issues with your Rockwood 555 flush bolt, refer to the following common problems and solutions:

- **Bolt is Stiff or Hard to Operate:**
 - Check for obstructions in the bolt channel or strike plate.
 - Apply silicone lubricant to the moving parts of the mechanism.
 - Ensure the bolt head is not binding against the strike plate; adjust if necessary.
- **Bolt Does Not Fully Engage or Retract:**
 - Verify that the strike plate is correctly aligned with the bolt. Misalignment can prevent full engagement.
 - Check for any debris or foreign objects in the strike opening, especially for bottom bolts. Consider installing a dust proof strike if not already in use.
 - Inspect the bolt rod for bends or damage.
- **Flush Bolt Feels Loose:**
 - Tighten all mounting screws on the face plate and guide. Do not overtighten.
 - If screw holes are stripped, consider using larger screws or repair kits.

6. SPECIFICATIONS

Detailed specifications for the Rockwood 555 12" US10BE Manual Flush Bolt:

Feature	Detail
Model Number	555
Material	Brass
Finish	US10BE (Oil Rubbed Bronze Equivalent Plated, BHMA 613E)
Face Plate Dimensions	6-3/4" (height) x 1" (width)
Fasteners	8 ea. #8 x 3/4 FH Combo Screws
Bolt Throw	3/4"
Rod Backset	3/4"
Rod Length	12" (center of face to bolt end - retracted)
Adjustable Bolt Head	1-1/2" adjustment
Strike Dimensions	15/16" x 2-1/4"

Feature	Detail
Guide Dimensions	1" x 2"
ANSI Standard	A156.16: L04251
UL Approval	13S2 Code (for Fire Rated Hollow Metal Swinging Doors up to 4'w x 10'h, rated up to and including 3 hours)
Item Weight	12.8 ounces



Figure 3: Comparison of US10BE (Oil Rubbed Bronze Equivalent) and US10B (Oil Rubbed Bronze) finishes.

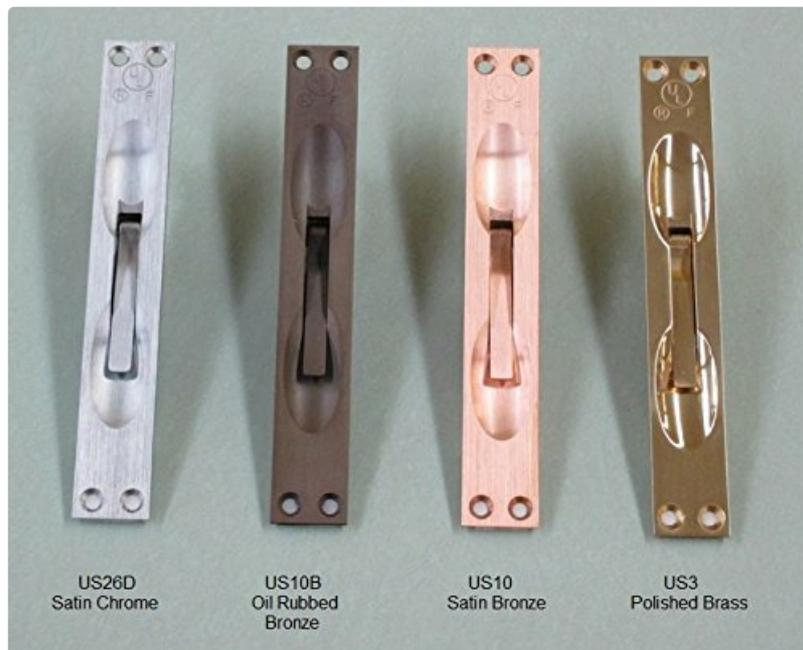


Figure 4: Examples of different flush bolt finishes available (US26D Satin Chrome, US10B Oil Rubbed Bronze, US10 Satin

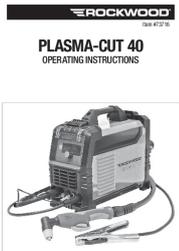
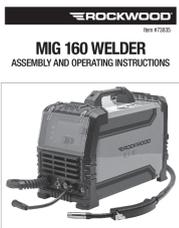
7. WARRANTY INFORMATION

Specific warranty details for the Rockwood 555 12" US10BE Manual Flush Bolt are not provided in the available product data. Please refer to the manufacturer's official website or contact the seller for current warranty terms and conditions.

8. SUPPORT

For technical assistance, replacement parts, or further inquiries regarding your Rockwood 555 12" US10BE Manual Flush Bolt, please contact the manufacturer, Rockwood, or the authorized seller. Contact information is not provided in the available product data. Please refer to the product packaging or the point of purchase for support details.

Related Documents - 555

 <p>ROCKWOOD PLASMA-CUT 40 OPERATING INSTRUCTIONS</p>	<p>Rockwood Plasma-Cut 40 Operating Instructions</p> <p>This manual provides operating instructions, safety information, specifications, and troubleshooting for the Rockwood Plasma-Cut 40 plasma cutter, designed for efficient metal cutting.</p>
 <p>ROCKWOOD MIG 160 WELDER ASSEMBLY AND OPERATING INSTRUCTIONS</p>	<p>Rockwood MIG 160 Welder: Assembly and Operating Instructions Eastwood</p> <p>Comprehensive assembly and operating instructions for the Rockwood MIG 160 Welder by Eastwood. Learn setup, operation, safety, and troubleshooting for this versatile MIG, Stick, and TIG welding machine.</p>
 <p>ROCKWOOD Set Up Instructions</p>	<p>Rockwood Tent Camper Owner's Manual: Setup and Takedown Guide</p> <p>A comprehensive guide detailing the setup and takedown procedures for Rockwood tent campers, including specific instructions for various models such as Freedom, Premier, High Wall, and LTD series. Covers exterior and interior setup, awning installation, and essential maintenance tips.</p>
 <p>ROCKWOOD Tent Campers</p>	<p>Rockwood Tent Campers: Freedom, Premier, High Wall, and Hard Side Series</p> <p>Explore the Rockwood tent camper lineup, including Freedom, Premier, High Wall, and Hard Side series. Discover features, construction, specifications, and popular options for your next adventure.</p>



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