

## Rockwood SP1025

# Rockwood SP1025 Cone Head Machine Screw Instruction Manual

Model: SP1025



## 1. INTRODUCTION

This manual provides detailed instructions for the installation and use of the Rockwood SP1025 Cone Head Machine Screw. This component is specifically designed for use with straight pull handles that are mounted back-to-back, requiring a minimum handle diameter of 5/8 inches.

The SP1025 features 1/4"-20 standard duty threads and includes a corresponding set screw (SP1026 1/4" - 20 x 5/16") for secure fastening.

## 2. INCLUDED COMPONENTS

The Rockwood SP1025 package includes the following items:

- **1x Cone Head Machine Screw:** 1/4"-20 x 2 1/4" thread length, 2 3/4" overall length.
- **1x Set Screw (SP1026):** 1/4" - 20 x 5/16".



Image 2.1: The Rockwood SP1025 Cone Head Machine Screw and its accompanying set screw.



Image 2.2: A side view illustrating the cone head machine screw and the smaller set screw.

### 3. SPECIFICATIONS

Feature	Specification
Model Number	SP1025
Thread Size	1/4"-20
Thread Type	Standard Duty
Overall Length	2 3/4 inches
Thread Length	2 1/4 inches
Compatible Handle Diameter	Minimum 5/8 inches
Included Set Screw	SP1026 (1/4" - 20 x 5/16")

Feature	Specification
Manufacturer	Rockwood

## 4. INSTALLATION

The Rockwood SP1025 Cone Head Machine Screw is designed for securing back-to-back mounted straight pull handles. Follow these steps for proper installation:

### 4.1. Preparation

1. Ensure the pull handles have a minimum diameter of 5/8 inches to accommodate the cone head screw.
2. Verify that the mounting holes in the door or panel are correctly sized for a 1/4"-20 thread.

### 4.2. Mounting the Handles

1. Insert the cone head machine screw through the mounting hole from one side of the door/panel.
2. Align the first pull handle (e.g., the 'Inside' pull) with the protruding end of the cone head screw. The cone head should seat securely within the handle's mounting point.
3. From the opposite side of the door/panel, align the second pull handle (e.g., the 'Outside' pull) with the threaded end of the cone head screw.
4. Thread the second pull handle onto the cone head screw. Tighten until the handle is snug against the door/panel.
5. Locate the set screw hole on the second pull handle. Insert the provided SP1026 set screw into this hole.
6. Using an appropriate hex key or screwdriver, tighten the set screw. This set screw presses against the threaded shaft of the cone head machine screw, preventing it from loosening and securing the handle in place.

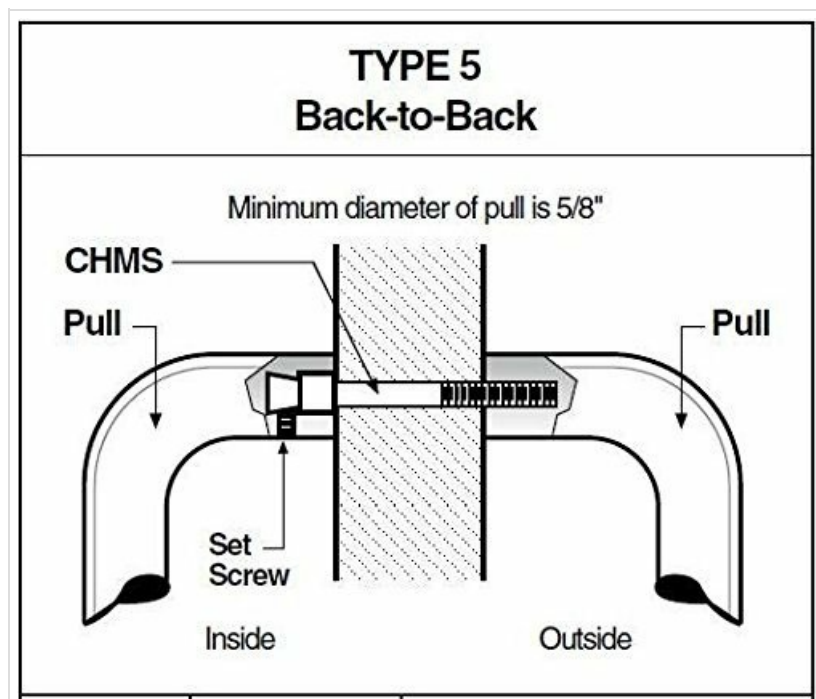


Image 4.1: Diagram illustrating the back-to-back mounting of pull handles using the cone head machine screw (CHMS) and set screw. Note the minimum 5/8" diameter requirement for the pull handle.

## 5. MAINTENANCE

The Rockwood SP1025 Cone Head Machine Screw is designed for durability and requires minimal maintenance. Periodically inspect the handles and screws for any signs of loosening. If any component feels loose, gently

retighten the set screw to ensure secure attachment. Avoid over-tightening, which could strip threads or damage the handle.

## 6. TROUBLESHOOTING

- Issue: Handle feels loose after installation.**  
*Solution:* Ensure the set screw is fully tightened against the cone head machine screw. If the set screw was not included or is missing, acquire the correct SP1026 set screw (1/4" - 20 x 5/16") and install it.
- Issue: Cannot thread the handle onto the cone head screw.**  
*Solution:* Verify that the handle's internal threads match the 1/4"-20 thread of the SP1025 screw. Check for any debris or damage in the threads of both the screw and the handle.
- Issue: Cone head screw does not sit flush in the handle.**  
*Solution:* Confirm that the pull handle has a minimum diameter of 5/8 inches and that its design is compatible with a cone head screw.

## 7. SUPPORT AND CONTACT INFORMATION





For further assistance, technical support, or inquiries regarding the Rockwood SP1025 Cone Head Machine Screw, please contact Rockwood customer service through their official website or authorized distributors.





Please have your product model number (SP1025) available when contacting support.



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### Related Documents - SP1025

<div> PLASMA-CUT 40 OPERATING INSTRUCTIONS</div> <div></div>	<p><a href="#">Rockwood Plasma-Cut 40 Operating Instructions</a></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>
<div> MIG 160 WELDER ASSEMBLY AND OPERATING INSTRUCTIONS</div> <div></div>	<p><a href="#">Rockwood MIG 160 Welder: Assembly and Operating Instructions   Eastwood</a></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>The image shows the cover of the Rockwood Tent Camper Owner's Manual. It features a black and white photograph of a tent camper being set up. The text on the cover includes 'Set Up Instructions' and 'Takedown Instructions'. The Rockwood logo is visible at the top.</p>	<p><a href="#">Rockwood Tent Camper Owner's Manual: Setup and Takedown Guide</a></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>The image shows the cover of a brochure for Rockwood Tent Campers. It features a color photograph of a tent camper in a wooded area. The text on the cover includes 'ROCKWOOD' and 'Tent Campers'. The Rockwood logo is visible at the top.</p>	<p><a href="#">Rockwood Tent Campers: Freedom, Premier, High Wall, and Hard Side Series</a></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>
 <p>The image shows the cover of a brochure for the Rockwood 495 Phantom Door Stop. It features a photograph of the door stop installed on a white door. The text on the cover includes 'Rockwood 495 Phantom Door Stop' and 'Concealed Magnetic Door Hardware'. The Rockwood logo is visible at the top.</p>	<p><a href="#">Rockwood 495 Phantom Door Stop: Concealed Magnetic Door Hardware</a></p> <p>Discover the Rockwood 495 Phantom Door Stop, a fully concealed magnetic door stop with hold-open function. Ideal for healthcare, hospitality, and commercial applications, offering safety and modern design.</p>
 <p>The image shows the cover of the Rockwood Architectural Door Accessories Price Book. It features a collage of various door hardware products, including pulls, plates, and hooks. The text on the cover includes 'Architectural Door Accessories' and 'Rockwood Products Price Book - Architectural Series'. The Rockwood logo is visible at the top.</p>	<p><a href="#">Rockwood Architectural Door Accessories Price Book - 2017</a></p> <p>This price book from Rockwood, an ASSA ABLOY company, details a comprehensive range of architectural door accessories, including various door pulls, plates, hooks, and mounting hardware. It provides product specifications, model numbers, and pricing effective January 1, 2017.</p>