

Yale P1109

Yale P1109 Replacement Rim Cylinder Instruction Manual

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Yale P1109 Replacement Rim Cylinder. Please read these instructions carefully before beginning installation to ensure proper function and security. Retain this manual for future reference.

PRODUCT OVERVIEW

The Yale P1109 Replacement Rim Cylinder is designed for use with surface-mounted locks, commonly known as nightlatches. It provides key access from one side of the door, enhancing the security of your property. This cylinder is suitable for doors with a thickness ranging from 38mm to 57mm. The tail bar can be adjusted to fit various door thicknesses.



Image 1: Yale P1109 Replacement Rim Cylinder, displaying both the side profile with the tail bar and the front view of the keyhole.

SAFETY INFORMATION

- Always wear appropriate personal protective equipment, such as safety glasses, when using tools.
- Ensure the door is stable and secure before commencing any work.
- Keep small components and tools out of reach of children.
- If you are unsure about any step, consult a qualified locksmith or professional.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x Yale P1109 Replacement Rim Cylinder
- 2 x Yale Keys
- All necessary fittings (screws, washers, etc.)

INSTALLATION INSTRUCTIONS

Tools Required:

- Screwdriver (appropriate size for included screws)
- Hacksaw or cutting tool (for tail bar adjustment)
- Measuring tape or ruler

Step-by-Step Installation:

1. **Prepare the Door:** Ensure the door is clean and free from obstructions where the cylinder will be installed. If replacing an existing cylinder, carefully remove the old unit.
2. **Measure Door Thickness:** Measure the thickness of your door. The Yale P1109 cylinder is designed for doors between 38mm and 57mm thick.
3. **Adjust the Tail Bar:** The cylinder features a tail bar that may need to be cut to the correct length to suit your door's thickness. The tail bar should extend sufficiently into the nightlatch mechanism without protruding excessively. Use the technical drawing as a guide for dimensions. Cut the tail bar carefully with a hacksaw or appropriate cutting tool.

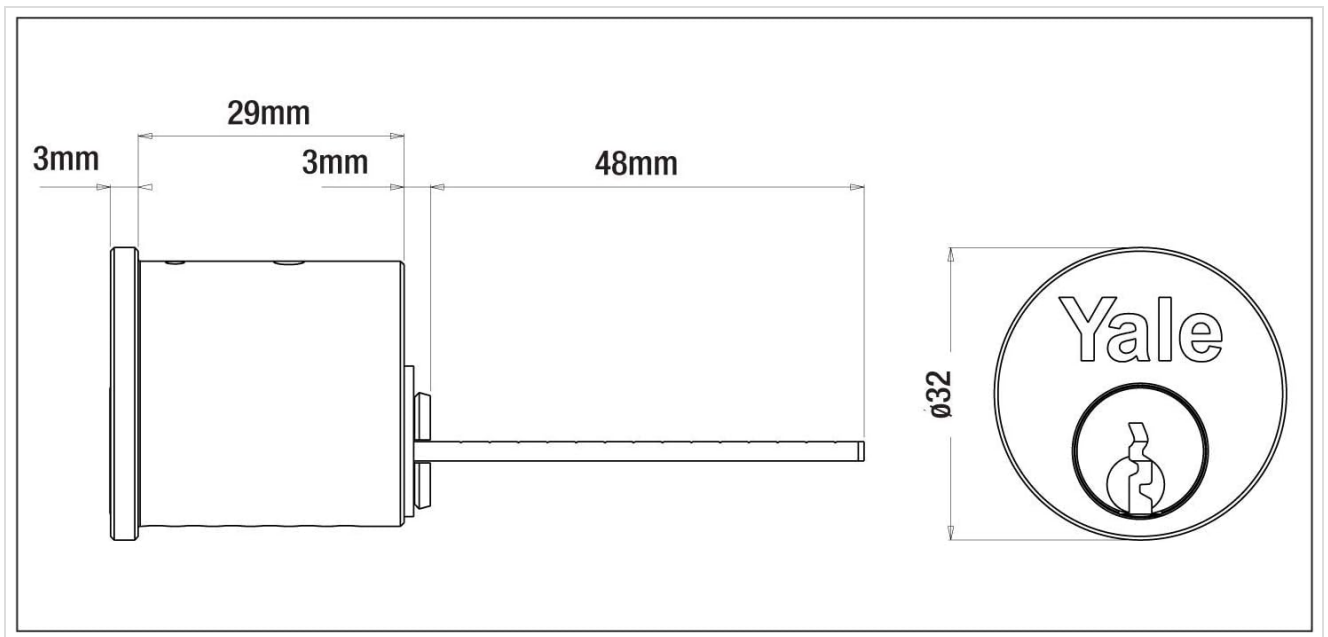


Image 2: Technical drawing illustrating the dimensions of the Yale P1109 Rim Cylinder, including the tail bar length.

4. **Insert the Cylinder:** Insert the cylinder through the door from the exterior side, ensuring the keyhole is correctly oriented.
5. **Secure the Cylinder:** From the interior side of the door, align the cylinder with the nightlatch mechanism. Use the provided screws and fittings to secure the cylinder firmly to the door and the nightlatch. Do not overtighten the screws, as this can damage the cylinder or door.
6. **Test Operation:** Insert a key into the cylinder and turn it to ensure smooth operation of the nightlatch mechanism. Check that the key can be inserted and removed without obstruction.

OPERATION

To operate the Yale P1109 Rim Cylinder, insert one of the provided keys into the keyhole from the exterior side of the door. Turn the key to engage or disengage the nightlatch mechanism. The cylinder allows for key access from the exterior only.

MAINTENANCE

- Periodically clean the exterior of the cylinder with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- If the key operation becomes stiff, apply a small amount of graphite-based lubricant specifically designed for locks into the keyway. Do not use oil-based lubricants, as they can attract dirt and cause blockages.
- Inspect the cylinder and its fittings regularly for any signs of wear or loosening. Tighten screws if necessary.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Key is difficult to insert or turn	Dirt in keyway, worn key, or lack of lubrication.	Clean keyway with compressed air, lubricate with graphite, or try a different key. If issues persist, the cylinder may need replacement.
Cylinder feels loose in the door	Mounting screws are loose.	Carefully tighten the mounting screws from the interior side of the door. Do not overtighten.
Nightlatch mechanism does not engage/disengage	Incorrect tail bar length or internal mechanism issue.	Verify the tail bar length is correct for your door thickness. If the issue persists, consult a locksmith.

SPECIFICATIONS

- **Brand:** Yale
- **Model Name:** P1109 (1109 series)
- **Lock Type:** Key Lock
- **Material:** Brass
- **Finish:** Polished Brass
- **Door Thickness Compatibility:** 38mm to 57mm
- **Included Components:** Cylinder, 2 Keys, Fittings
- **Item Dimensions (L x W x H):** Approximately 1.57 x 4.33 x 7.48 inches (packaged)
- **Item Weight:** Approximately 0.33 Pounds (5.3 ounces)
- **Special Feature:** Easy to Install, Key Unlock

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official Yale website or contact Yale customer service directly. Keep your purchase receipt as proof of purchase.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question