

Yale 5801

Yale 5801 Hydraulic Heavy Duty Non-Handed Aluminum Door Closer User Manual

Model: 5801

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Yale 5801 Hydraulic Heavy Duty Non-Handed Aluminum Door Closer. Designed for commercial buildings, this door closer ensures controlled and reliable door closing. Please read these instructions thoroughly before installation and use to ensure proper function and safety.

SETUP AND INSTALLATION

The Yale 5801 door closer is a non-handed unit, meaning it can be installed on either left-hand or right-hand opening doors without modification. It is designed for screw-in installation.

Package Contents:

- Yale 5801 Door Closer Body
- Main Arm Assembly
- Mounting Screws and Fasteners
- Installation Template

Installation Steps:

1. **Prepare the Door and Frame:** Ensure the door and frame surfaces are clean and free from obstructions. Use the provided installation template to mark the drilling points accurately on the door and frame.
2. **Mount the Closer Body:** Drill pilot holes at the marked locations. Secure the door closer body to the door or frame using the appropriate mounting screws. Ensure the body is level and firmly attached.
3. **Attach the Main Arm:** Connect the main arm assembly to the closer body's spindle. Ensure the arm is oriented correctly for the desired door swing (push or pull side).
4. **Install the Forearm and Shoe:** Attach the forearm to the main arm and then secure the shoe to the door frame (for standard installation) or door (for parallel arm installation). Adjust the forearm length to achieve the correct angle as per the template.

5. **Initial Adjustments:** After installation, perform initial adjustments for closing speed and latching speed. Refer to the 'Operating' section for detailed adjustment procedures.



Image: The Yale 5801 Hydraulic Heavy Duty Non-Handed Aluminum Door Closer, showcasing its robust aluminum construction and silver finish. This image illustrates the main body and arm components.

OPERATING AND ADJUSTMENT

The Yale 5801 door closer features hydraulic controls for precise adjustment of closing and latching speeds.

Speed Adjustment Valves:

- **Closing Speed Valve:** Controls the speed of the door from its fully open position until approximately 10-15 degrees from the closed position. Turn clockwise to decrease speed (slower), counter-clockwise to increase speed (faster).
- **Latching Speed Valve:** Controls the speed of the door for the final 10-15 degrees of closing, ensuring the door latches securely. Turn clockwise to decrease speed (slower), counter-clockwise to increase speed (faster).

Important: Do not overtighten adjustment valves. Only small adjustments (quarter turns) are typically needed. Excessive force can damage the hydraulic mechanism.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Yale 5801 door closer.

- **Cleaning:** Periodically wipe the door closer body and arm with a soft, damp cloth to remove dust and grime. Avoid

abrasive cleaners.

- **Fastener Check:** Annually inspect all mounting screws and fasteners to ensure they are tight. Loose fasteners can affect performance and safety.
- **Hydraulic Fluid:** The hydraulic system is sealed and does not require refilling. If you notice any fluid leakage, contact a qualified technician.
- **Arm Assembly:** Check the arm assembly for any signs of wear or damage. Ensure all pivot points move smoothly.

TROUBLESHOOTING

Refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
Door closes too fast	Closing or latching speed valve set too open (counter-clockwise)	Turn the respective speed valve clockwise in small increments until desired speed is achieved.
Door closes too slowly	Closing or latching speed valve set too closed (clockwise)	Turn the respective speed valve counter-clockwise in small increments until desired speed is achieved.
Door does not latch fully	Latching speed too slow or insufficient power	Increase latching speed slightly. Ensure the door closer is properly sized for the door.
Door closer leaks fluid	Internal seal damage	Contact a qualified technician or the manufacturer for service. Do not attempt to repair.
Excessive noise during operation	Loose fasteners, worn arm components, or internal issue	Check and tighten all fasteners. Inspect arm for wear. If noise persists, contact support.

SPECIFICATIONS

- **Model:** Yale 5801
- **ASIN:** B07KT54ZBS
- **Type:** Hydraulic, Heavy Duty
- **Handing:** Non-Handed (suitable for left or right opening doors)
- **Material:** Aluminum
- **Color:** Silver
- **Installation Type:** Screw-In
- **Recommended Uses:** Commercial buildings
- **Manufacturer:** Yale

WARRANTY INFORMATION

Specific warranty details for the Yale 5801 Hydraulic Heavy Duty Non-Handed Aluminum Door Closer are typically provided at the point of purchase or directly by the manufacturer. Please retain your proof of purchase. For comprehensive warranty terms and conditions, please refer to the official Yale website or contact their customer service department.

SUPPORT

For technical assistance, replacement parts, or further inquiries regarding your Yale 5801 door closer, please contact Yale customer support. Contact information can typically be found on the manufacturer's official website or on the product packaging.

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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