

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [PRIME-LINE](#) /

› [Prime-Line K 5109 Heavy Duty Pneumatic Storm Door Closer User Manual](#)

PRIME-LINE K 5109

Prime-Line K 5109 Heavy Duty Pneumatic Storm Door Closer User Manual

Model: K 5109

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Prime-Line K 5109 Heavy Duty Pneumatic Storm Door Closer. This closer is designed for heavy-weight wood or aluminum outswinging storm doors, ensuring controlled closing and secure latching. Please read these instructions thoroughly before beginning installation or operation to ensure proper function and safety.

SAFETY INFORMATION

- Always wear appropriate safety gear, including eye protection, during installation.
- Ensure the door is securely supported during installation to prevent accidental movement.
- Do not attempt to modify the door closer. Unauthorized modifications can lead to malfunction and void the warranty.
- Keep small parts away from children to prevent choking hazards.
- Exercise caution when adjusting the closing speed to avoid sudden door movements.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x Prime-Line K 5109 Pneumatic Storm Door Closer (Black, 10-3/8 inch long, 1-1/2 inch barrel)
- Mounting Brackets
- Attaching Hardware (screws, pins, etc.)



Image: Prime-Line K 5109 Pneumatic Storm Door Closer, showing the main unit and included hardware.

SPECIFICATIONS

Model Number	K 5109
Brand	PRIME-LINE
Type	Heavy Duty Pneumatic Storm Door Closer
Color	Black
Barrel Length	10-3/8 inches
Barrel Diameter	1-1/2 inches
Material	Aluminum
Recommended Use	Outswinging wood or aluminum storm doors
Adjustable Speed	Yes
Item Weight	1.07 pounds

Product Dimensions

11"L x 1"W x 1"H (closer) / 1.63 x 3.81 x 15.75 inches (packaging)

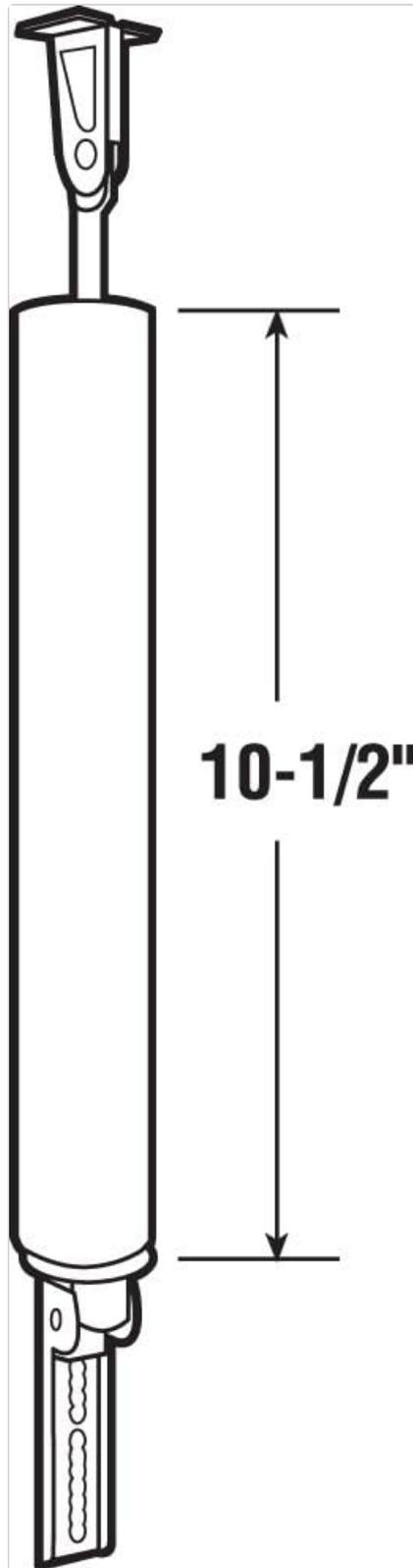


Image: Line art diagram showing the approximate 10-1/2 inch length of the storm door closer for visual reference.

SETUP AND INSTALLATION

This door closer is designed for surface mount installation on outswinging storm doors. Follow these general steps for installation. Specific door types may require slight variations.

1. **Determine Mounting Location:** The closer is typically mounted at the top or middle of the storm door. Ensure there is sufficient clearance for the closer and brackets when the door opens and closes.

2. **Attach Door Bracket:** Secure the door bracket to the storm door frame using the provided screws. Ensure it is level and firmly attached.
3. **Attach Jamb Bracket:** With the door closed, position the jamb bracket on the door jamb. The closer should be slightly compressed when the door is closed. Mark and drill pilot holes, then secure the jamb bracket with screws.
4. **Connect Closer:** Attach one end of the pneumatic closer to the door bracket and the other end to the jamb bracket using the provided pins.
5. **Test Operation:** Slowly open and close the door to ensure smooth movement and proper engagement of the closer.
6. **Adjust Closing Speed:** Refer to the "Operating Instructions" section for details on adjusting the closing speed.

Note: For optimal performance, ensure the door closer is installed horizontally and parallel to the door frame when the door is closed.

OPERATING INSTRUCTIONS

The Prime-Line K 5109 door closer features an adjustable closing speed to suit your preference.

1. **Adjusting Closing Speed:** Locate the adjustment screw at the end of the closer barrel (opposite the door bracket).
2. Turn the screw **clockwise** to decrease the closing speed (slower closing).
3. Turn the screw **counter-clockwise** to increase the closing speed (faster closing).
4. Make small adjustments and test the door's closing action after each adjustment until the desired speed is achieved. The door should close smoothly and latch without slamming.
5. **Hold-Open Feature (if applicable):** Some models may include a washer or clip to hold the door open. To engage, open the door to the desired position and slide the washer/clip towards the closer body to lock the rod. To release, simply push the door open slightly further, and the washer/clip should disengage.

MAINTENANCE

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

- **Cleaning:** Periodically wipe the closer body with a soft, damp cloth to remove dust and dirt. Avoid abrasive cleaners.
- **Lubrication:** The internal mechanism is factory-lubricated. External lubrication is generally not required. If the pivot points on the brackets become stiff, a small amount of silicone spray lubricant can be applied.
- **Check Fasteners:** Annually inspect all mounting screws and pins to ensure they are tight. Tighten any loose fasteners to prevent wobbling or misalignment.
- **Inspect for Damage:** Check the closer body and rod for any signs of bending, cracks, or leaks. Replace the unit if significant damage is observed.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Door slams shut.	Closing speed is too fast.	Turn the adjustment screw clockwise to slow down the closing speed.
Door does not close completely or latches slowly.	Closing speed is too slow or closer is worn.	Turn the adjustment screw counter-clockwise to increase the closing speed. If the problem persists, the closer may need replacement.
Door closer is noisy.	Loose mounting screws or worn pivot points.	Tighten all mounting screws. Apply a small amount of silicone lubricant to the pivot points on the brackets.

Closer leaks fluid.

Internal seal failure.

The closer is damaged and requires replacement.

WARRANTY AND SUPPORT

Warranty Information: Goods are warranted against manufacturing defects for 1 year. Prime-Line is not responsible for user-related damage or damage incurred during installation. The warranty is void if products are subjected to abnormal conditions, misapplication, or abuse.

Customer Support: For further assistance, technical support, or to inquire about replacement parts, please contact Prime-Line customer service. Refer to the product packaging or the official Prime-Line website for current contact information.

Online Resources: Visit the official [PRIME-LINE Store](#) for additional product information and resources.