

Prime-Line D1808

Prime-Line Products D 1808 Sliding Door Tandem Roller Assembly

User Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Prime-Line Products D 1808 Sliding Door Tandem Roller Assembly. This product is designed to facilitate smooth and reliable operation of sliding patio doors. Please read this manual thoroughly before proceeding with installation or use.

2. PRODUCT FEATURES

- **1-1/4 inch Steel Ball Bearing Rollers:** Ensures smooth and durable operation.
- **Adjustable Steel Housing:** Allows for precise height adjustments to fit various door configurations.
- **Concave Roller Edge Type:** Designed for specific track profiles to enhance stability and performance.
- **Durable Construction:** Made from alloy steel for long-lasting performance.
- **Easy to Install:** Designed for straightforward replacement in compatible patio doors.

3. SPECIFICATIONS

Refer to the table below for detailed product specifications and the diagram for dimensional information.

Specification	Value
Model Number	D1808
Brand	Prime-Line
Material	Alloy Steel
Roller Diameter (Outside)	1-1/4 inches (1.25 inches)
Bearing Type	Roller Bearing

Specification	Value
Item Dimensions (L x W x H)	19 x 79 x 25 millimeters
Item Weight	163 g
UPC	049793018083

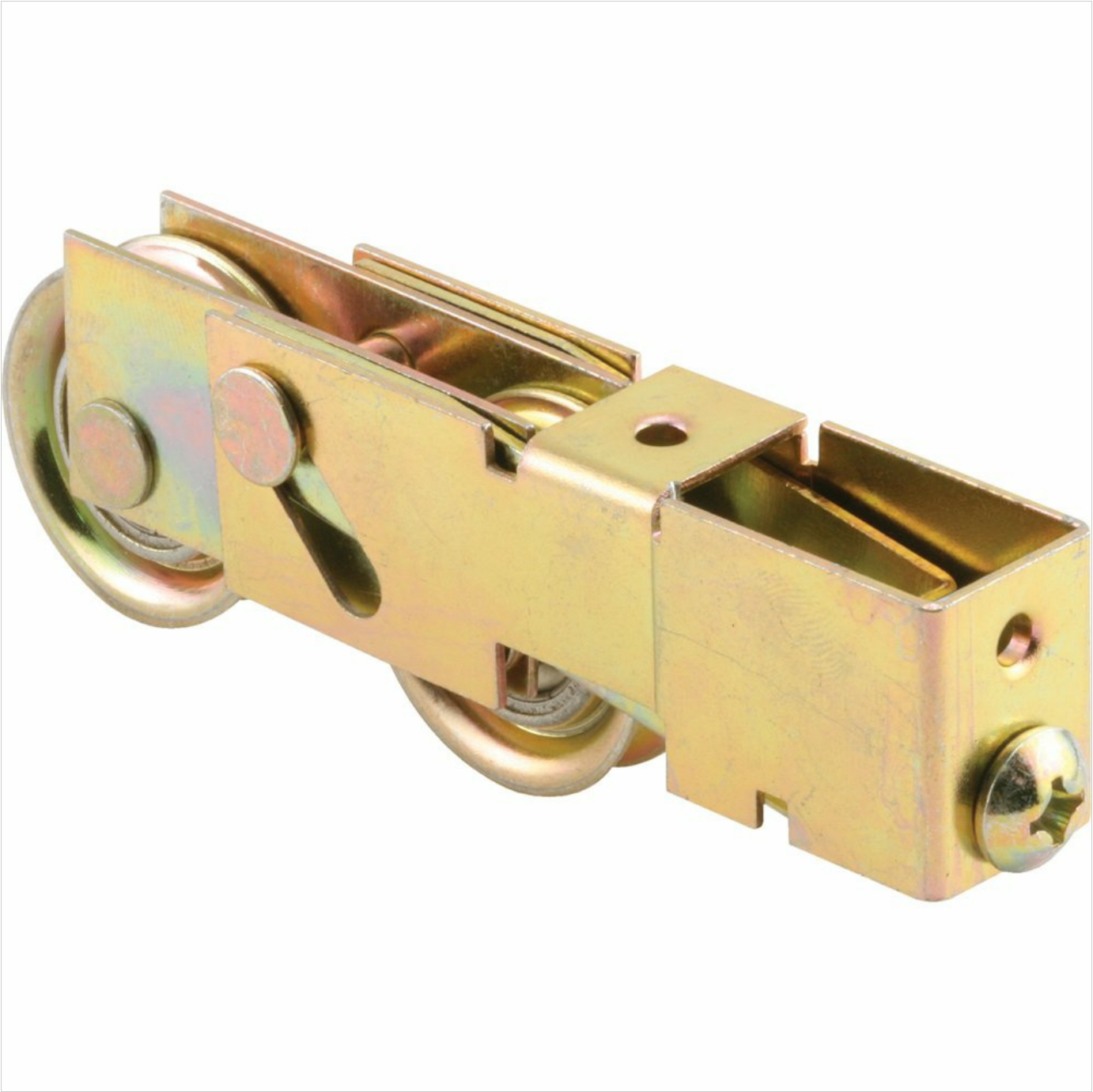


Figure 1: Dimensional Diagram of Prime-Line D 1808 Roller Assembly. Key dimensions include a minimum height of 1-3/8 inches, a length of 3-1/8 inches, a width of 1-7/16 inches, a roller diameter of 1-1/4 inches, and housing dimensions of 1 inch by 3/4 inch.

4. INSTALLATION

This section outlines the general steps for replacing a sliding door roller assembly. Specific procedures may vary depending on your door's design. Always prioritize safety and consult a professional if unsure.

1. **Preparation:**

- Ensure you have the correct replacement part (Model D1808). Measure your existing roller assembly to confirm compatibility, paying close attention to the dimensions provided in Section 3.
- Gather necessary tools: screwdriver set, pry bar, safety gloves, and potentially a helper.
- Clear the area around the sliding door.

2. Remove the Sliding Door:

- Locate and loosen any adjustment screws on the existing roller assemblies. These are typically found on the bottom edge of the door.
- Carefully lift the sliding door off its track. This may require two people due to the door's weight. Set the door down on a stable, protected surface.

3. Remove Old Roller Assembly:

- Identify the screws or fasteners holding the old roller assembly in place. Remove them.
- Carefully extract the old roller assembly from the door frame.

4. Install New Roller Assembly:

- Insert the new Prime-Line D 1808 roller assembly into the designated slot in the door frame.
- Secure the new assembly using the appropriate screws. Ensure it is seated firmly and correctly.

5. Reinstall the Sliding Door:

- Carefully lift the door back onto its track, ensuring the new rollers engage properly with the track.
- Adjust the height of the rollers using the adjustment screws on the assembly. Turn the screws clockwise to raise the door and counter-clockwise to lower it. Adjust until the door slides smoothly and seals correctly.
- Test the door's operation. Make fine adjustments as needed.

Note: Mounting screws are not included with this product. Please ensure you have compatible screws for installation.

5. OPERATION

Once properly installed and adjusted, the Prime-Line D 1808 Tandem Roller Assembly will allow your sliding patio door to glide smoothly and effortlessly along its track. The steel ball bearings minimize friction, providing consistent and reliable movement. If the door feels stiff or uneven, re-check the roller adjustments as described in the installation section.

6. MAINTENANCE

Regular maintenance can extend the lifespan and ensure optimal performance of your sliding door rollers.

- **Cleaning:** Periodically clean the door track and the rollers to remove dirt, dust, and debris that can impede smooth operation. Use a brush or vacuum cleaner for the track and a damp cloth for the rollers.
- **Lubrication:** Apply a silicone-based lubricant to the door track and the roller bearings every 6-12 months, or as needed. Avoid oil-based lubricants as they can attract dirt.
- **Inspection:** Regularly inspect the rollers for signs of wear, damage, or misalignment. Address any issues promptly to prevent further damage to the door or track.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Door is difficult to slide	Dirty track, misaligned rollers, worn rollers, insufficient lubrication.	Clean track and rollers. Adjust roller height. Lubricate rollers and track. Inspect rollers for wear and replace if necessary.
Door is noisy when sliding	Dirty track, lack of lubrication, worn bearings.	Clean track. Lubricate rollers. If noise persists, rollers may be worn and require replacement.
Door does not seal properly	Incorrect roller height adjustment.	Adjust roller height using the adjustment screws until the door seals correctly against the frame.

8. WARRANTY INFORMATION

Prime-Line Products warrants this product against manufacturing defects for a period of one (1) year from the date of purchase. This warranty does not cover user-related damage or damage incurred during installation. The warranty is void if products are subjected to abnormal conditions, misapplication, or abuse.

9. SUPPORT

For further assistance or inquiries regarding your Prime-Line D 1808 Sliding Door Tandem Roller Assembly, please contact Prime-Line Products customer support. Refer to the product packaging or the official Prime-Line website for the most current contact information. The manufacturer's contact location is Redlands, CA, 92374 US.

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

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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