

Larson 14604041

LARSON 80 Split Fullview Storm Door (Model 14604041) Instruction Manual

Comprehensive guide for installation, operation, and maintenance of your LARSON storm door.

INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of your LARSON 80 Split Fullview Storm Door. Please read this manual thoroughly before beginning installation or using the product to ensure safe and efficient operation and to maximize the lifespan of your door.

The LARSON Premier Classic Elegance EasyVent with Retractable Screen Away offers a combination of functionality and durability. It features EasyVent technology and a retractable screen for flexible ventilation, allowing fresh air in while keeping insects out. The full-view glass design enhances natural light in your entryway. Constructed with a weather-resistant frame, this door is designed for long-lasting performance.

SAFETY INFORMATION

Always follow local building codes and safety regulations during installation. Wear appropriate personal protective equipment, including safety glasses and gloves. Exercise caution when handling glass components. Keep children and pets away from the work area.

The door features tempered safety glass, designed for strength and security. However, it can still break if subjected to severe impact. In case of breakage, clear all glass fragments carefully.

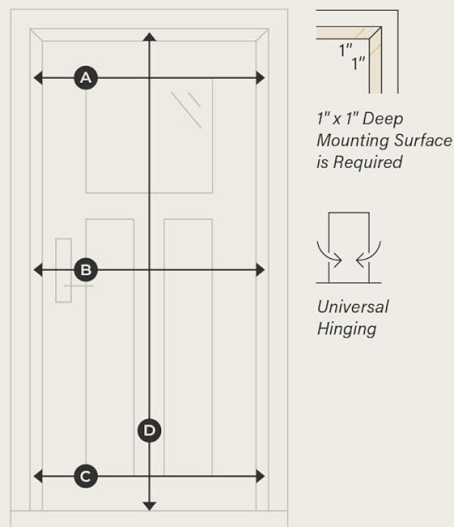
BEFORE YOU BEGIN: MEASURING YOUR DOOR OPENING

Accurate measurements are crucial for proper installation. Refer to the diagram below to measure your door opening correctly.



HOW TO MEASURE FOR A STORM DOOR

Measure the opening width (horizontally). Take three measurements, one across the top (A), middle (B) and bottom (C) of the door. Record the narrowest dimension. Measure the vertical opening height (D).



YOUR WIDTH MEASUREMENT	YOUR HEIGHT MEASUREMENT	DOOR SIZE YOU NEED
29 ⁷ / ₈ " - 30 ³ / ₈ "	80" - 81"	30" x 80"-81"
31 ⁷ / ₈ " - 32 ³ / ₈ "		32" x 80"-81"
33 ⁷ / ₈ " - 34 ³ / ₈ "		34" x 80"-81"
35 ⁷ / ₈ " - 36 ³ / ₈ "		36" x 80"-81"
31 ⁷ / ₈ " - 32 ³ / ₈ "	74 ¹ / ₂ " - 75 ¹ / ₂ "	32" x 74 ¹ / ₂ " - 75 ¹ / ₂ "
29 ⁷ / ₈ " - 30 ³ / ₈ "		30" x 74 ¹ / ₂ " - 75 ¹ / ₂ "
31 ⁷ / ₈ " - 32 ³ / ₈ "	95 ¹ / ₂ " - 96 ¹ / ₂ "	32" x 95 ¹ / ₂ " - 96 ¹ / ₂ "
35 ⁷ / ₈ " - 36 ³ / ₈ "		36" x 95 ¹ / ₂ " - 96 ¹ / ₂ "

Image Description: A diagram illustrating the process of measuring a door opening for a storm door. It shows three horizontal measurements (A, B, C) across the top, middle, and bottom of the opening, and one vertical measurement (D) for height. The diagram also indicates a required 1" x 1" deep mounting surface and universal hinging. A table next to the diagram provides recommended door sizes based on width and height measurements.

Instructions for Measuring:

1. Measure the opening width horizontally at three points: top (A), middle (B), and bottom (C). Record the narrowest dimension.
2. Measure the vertical opening height (D).
3. Ensure a 1" x 1" deep mounting surface is available around the opening.

Consult the provided sizing chart (visible in the image) to determine the correct storm door size based on your measurements.

SETUP AND INSTALLATION

This LARSON storm door is designed for simple installation and fits most standard door frames. While the product itself does not require assembly, proper installation into your door frame is essential.

Tools and Materials (Not Included):

- Drill
- Measuring Tape
- Level
- Screwdriver
- Caulk Gun and Exterior Sealant
- Safety Glasses and Gloves

Installation Steps:

1. **Unpack and Inspect:** Carefully unpack all components and inspect for any damage. Ensure all parts are present according to the packing list (refer to separate packing list if provided).
2. **Prepare Door Opening:** Clean the door frame and ensure it is plumb, level, and square. Remove any existing weatherstripping or obstructions.
3. **Install Hinge Rail:** Position the hinge rail against the door frame. Use a level to ensure it is perfectly vertical. Mark and pre-drill holes, then secure the hinge rail with screws.
4. **Mount Door Panel:** Carefully lift the door panel and align its hinges with the hinge rail. Secure the door panel to the hinge rail.
5. **Install Latch Rail:** Close the door and position the latch rail against the frame. Ensure proper spacing and alignment. Mark and pre-drill holes, then secure the latch rail.
6. **Install Door Closer:** Attach the door closer mechanism to the door and frame according to the specific instructions provided with the closer hardware. Adjust tension for desired closing speed.
7. **Install Handleset (Sold Separately):** Follow the instructions provided with your chosen LARSON QuickFit Handleset for installation.
8. **Weatherseal and Adjustments:** Apply exterior sealant around the perimeter of the installed storm door frame to prevent drafts and moisture intrusion. Make any necessary adjustments to ensure the door opens and closes smoothly and latches securely.

LARSON

A Storm Door
Designed to do More

Offering seamless modern
styles that instantly elevate
the look of your outer home.



Image Description: A LARSON storm door, featuring a full-view glass panel, installed on the front of a modern house. The door is dark-framed, complementing the light-colored siding and stone accents of the home. This image demonstrates the aesthetic integration of the storm door with contemporary architecture.

QuickFit™ Handleset SOLD SEPARATELY



Image Description: This image displays two distinct styles of LARSON QuickFit Handlesets: "Curved" and "Straight." Each handleset is shown with a keyhole and a lever handle. Below each style, several small color swatches are presented, indicating the multiple finish options available for these handlesets, which are sold separately.

OPERATING INSTRUCTIONS

Your LARSON storm door is equipped with features designed for ease of use and ventilation control.

EasyVent Technology and Retractable Screen Away:

- The EasyVent system allows for adjustable airflow. To open the screen, locate the release mechanism (typically a latch or button) and slide the screen panel down.
- To close the screen and engage the full-view glass, slide the screen panel back up until it locks into place.
- The Retractable Screen Away feature allows you to quickly switch between the full glass panel and the integrated screen for fresh air without needing to store a separate screen.

Door Closer Operation:

The door closer ensures the storm door closes smoothly and securely. Adjust the tension screw on the closer cylinder to modify the closing speed. Turning the screw clockwise typically increases closing speed, while counter-clockwise decreases it.



Image Description: A close-up view of a storm door's bottom rail, showing a white door closer mechanism. A person's foot is gently pressing a small button or lever on the closer, suggesting a hands-free hold-open or release function. The image highlights the convenience of operating the door closer.

MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your LARSON storm door.

Cleaning:

- **Glass Panels:** Clean glass with a standard glass cleaner and a soft, lint-free cloth. Avoid abrasive cleaners or tools that could scratch the glass.
- **Frame:** Wipe the aluminum frame with a mild soap and water solution. Rinse thoroughly and dry with a soft cloth. The rust-resistant finish helps maintain its appearance.
- **Screen:** Gently brush or vacuum the screen to remove dust and debris. For deeper cleaning, use a mild soap and water solution and rinse carefully.

Lubrication:

- Periodically lubricate hinges and moving parts of the door closer with a silicone-based spray lubricant to ensure smooth operation.

Inspections:

- Regularly inspect the weather-resistant seal around the door for any signs of wear or damage. Replace if necessary to prevent drafts and moisture intrusion.
- Check all screws and fasteners for tightness. Tighten any loose hardware.
- Inspect the door closer for proper function and adjust as needed.

TROUBLESHOOTING

This section addresses common issues you might encounter with your storm door.

Problem	Possible Cause	Solution
Door does not close completely or too fast/slow.	Door closer tension is incorrect.	Adjust the tension screw on the door closer. Turn clockwise to increase speed, counter-clockwise to decrease.
Drafts or air leakage around the door.	Worn or damaged weatherstripping; improper sealing during installation.	Inspect weatherstripping and replace if damaged. Re-apply exterior sealant around the frame if gaps are present.
Screen or glass panel sticks when operating.	Debris in tracks; lack of lubrication; misaligned panel.	Clean tracks thoroughly. Apply silicone lubricant to tracks and moving parts. Check for proper alignment of the panel.
Door squeaks when opening or closing.	Dry hinges or moving parts.	Lubricate hinges and other moving components with a silicone-based spray.

If you encounter issues not listed here or require further assistance, please contact LARSON customer support.

SPECIFICATIONS

- **Brand:** Larson
- **Model Number:** 14604041
- **Product Name:** 80 Split Fullview Storm Door
- **Size:** 32-in x 81-in
- **Color:** Brown
- **Product Dimensions:** 1.88 x 32 x 81 inches
- **Item Weight:** 45.4 pounds
- **Material:** Durable Aluminum Frame, Tempered Safety Glass
- **Features:** EasyVent Technology, Retractable Screen Away, Weather-Resistant Seal, Rust-Resistant Finish
- **Assembly Required:** No (for the door itself, installation into frame required)
- **Batteries Required:** No
- **UPC:** 092304144382
- **ASIN:** B0DZDRGTHL

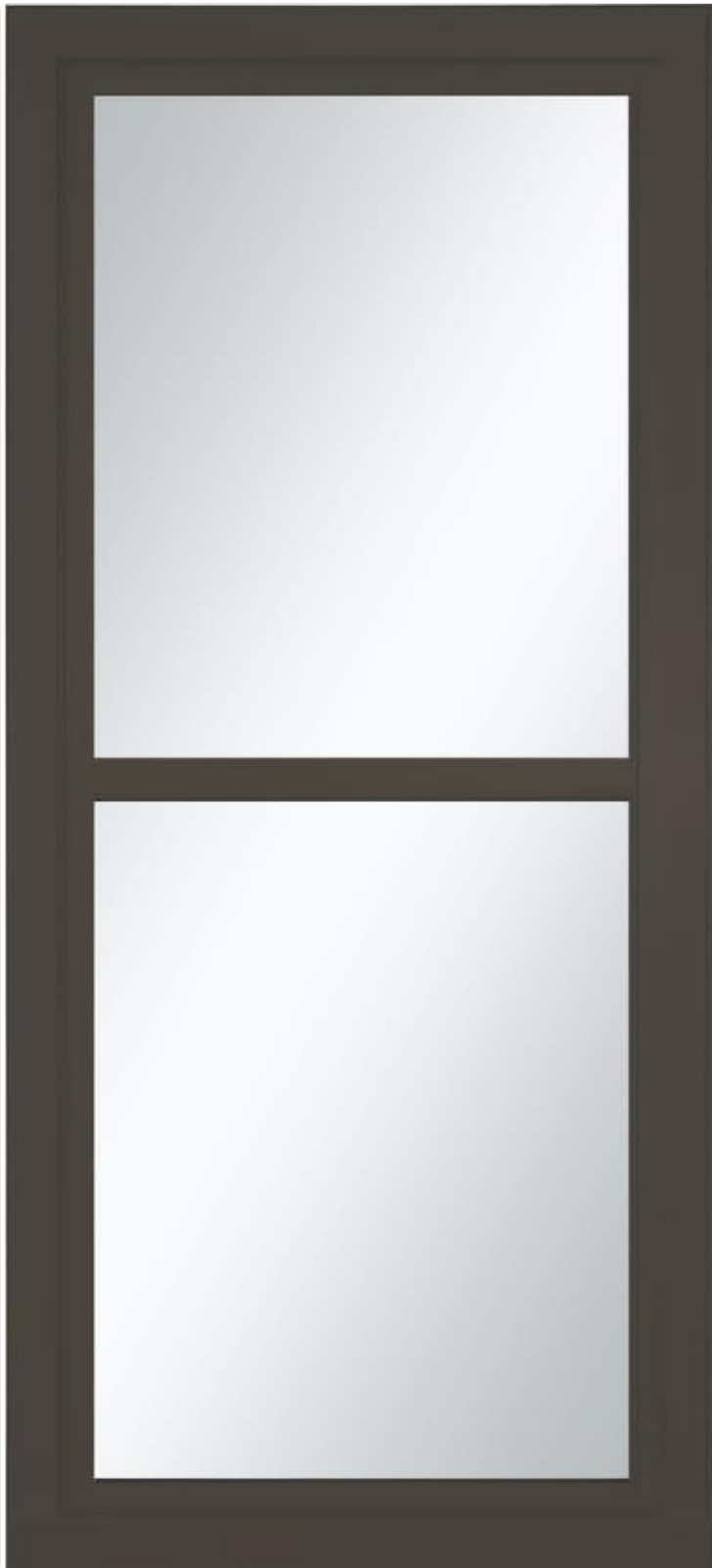


Image Description: A clear, frontal view of the LARSON 80 Split Fullview Storm Door. The door features a brown frame and is divided into two large glass panels by a horizontal mullion, characteristic of a "split fullview" design. This image provides a direct visual representation of the product's appearance.

WARRANTY AND SUPPORT

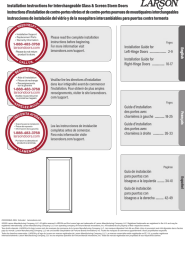

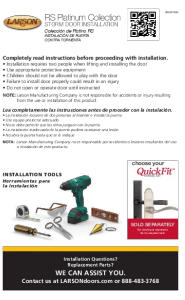
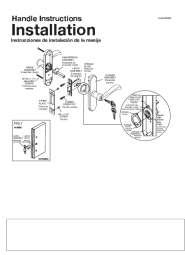

For specific warranty information regarding your LARSON storm door, please refer to the warranty card included with your purchase or visit the official LARSON website. Warranty terms typically cover manufacturing defects and material flaws under normal use.

If you have questions, require technical assistance, or need to order replacement parts, please contact LARSON customer support:

- **LARSON Official Website:** www.larsondoors.com
- **Customer Service:** Refer to the contact information provided in your product packaging or on the official LARSON website.

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Related Documents - 14604041

	<p>LARSON Storm Door Installation Guide: Glass & Screen Models</p> <p>Comprehensive installation guide for LARSON interchangeable glass and screen storm doors, covering left-hinge and right-hinge models. Includes parts lists, tools needed, and step-by-step instructions in English, French, and Spanish.</p>
	<p>LARSON Storm Door Installation Guide - EasyHang System</p> <p>Step-by-step installation instructions for LARSON storm doors, featuring the EasyHang system. This guide covers left and right hinge installations, parts, tools, and safety precautions for a successful storm door setup.</p>
	<p>Larson Platinum Collection Storm Door Installation Guide</p> <p>Comprehensive installation instructions for the Larson Platinum Collection storm door, including safety precautions, measurement verification, step-by-step assembly, handle set installation, and maintenance tips.</p>
	<p>Larson M2 Mortise Handle Set Installation Instructions</p> <p>Step-by-step installation guide for the Larson M2 Mortise Handle Set, including diagrams and component descriptions for both inside and outside assemblies.</p>
	<p>Larson Escape 100 Retractable Screen Door: Owner's Guide and Installation</p> <p>Comprehensive guide for installing and troubleshooting the Larson Escape 100 single-door retractable screen. Learn about parts, measurements, installation steps, and operation.</p>

Detailed information on the Larson Limited Lifetime Warranty for doors and retractable screens, covering terms, limitations, remedies, and consumer service contact.