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› [SOLRIG](#) /

› SOLRIG Bi-Fold Sliding Barn Door Instruction Manual

SOLRIG 60" 30"x 2 x 84" White 6 Panel

SOLRIG Bi-Fold Sliding Barn Door Instruction Manual

Model: 60" 30"x 2 x 84" White 6 Panel

1. PRODUCT OVERVIEW

The SOLRIG Bi-Fold Sliding Barn Door system offers a unique and space-saving solution for various interior applications. This innovative design allows door panels to slide and fold simultaneously, providing an unobtrusive opening without restricting doorway size. It is an ideal choice for enhancing home aesthetics while maximizing space efficiency.

Constructed from high-quality MDF, the door panels are designed to withstand changes in heat and humidity, offering durability superior to solid wood. The accompanying hardware, made from high-quality carbon steel with a frosted black finish, ensures long-lasting performance and smooth operation. This 6-panel bi-fold door also provides significant sound insulation, contributing to a quieter and more private indoor environment.



Figure 1.1: The SOLRIG Bi-Fold Sliding Barn Door in an open position, showcasing its space-saving design and modern aesthetic. The door features a white 6-panel design with black sliding hardware.

2. SAFETY INFORMATION

Please read and understand all instructions before beginning installation. Failure to follow these instructions may result in personal injury or property damage.

- Always wear appropriate personal protective equipment (PPE), such as safety glasses and gloves, during installation.
- Ensure the wall structure is capable of supporting the weight of the door and hardware. Consult a professional if unsure.
- Keep children and pets away from the installation area.
- Handle door panels with care to prevent damage or injury.
- Verify all components are present and undamaged before starting assembly. Do not use damaged parts.
- Ensure proper ventilation if using adhesives or sealants during installation.

- Periodically check all hardware connections for tightness to ensure continued safe operation.

3. PACKAGE CONTENTS

Before beginning installation, verify that all parts listed below are included in your package. If any parts are missing or damaged, please contact customer support immediately.

Door Panels: Four (4) finished 6-panel bi-fold door slabs (each 30 inches wide for a total of 60 inches width, 84 inches height).

Track: Two (2) 2.83FT track sections.

Sliding Wheels: Four (4) sliding wheels (pulleys) with bases.

Hinges: Bi-fold door panel hinges.

Door Handles: Two (2) black door handles.

Mounting Hardware: Includes wall spacers, washers, wall screws, anchor floor, floor screws, floor anchor, floor guide, and short screws.

Tools: Allen wrenches (hex keys).

Instructions: Detailed installation manual.

If your door panels or hardware are found damaged or missing, **please contact us immediately without hesitation.**



Pulley



Pulley Base



Wall Spacer



Washers

Wall Screw

Anchor Floor



Floor Screws

Floor Anchor

Floor Guide



Pack Box



Door Handle



Hinge

Short Screw



Track

Figure 3.1: Visual representation of all hardware components included in the package. This includes the pulley system, track, various fasteners, hinges, and door handles.

BIFOLD BARN DOOR HARDWARE KIT ROLLER SET

- Smooth and Quiet Operation
- Adjustable Pulley (Movement Range: 2.5mm)
- Long-Lasting Rust Resistance



Figure 3.2: Detailed view of key hardware components: the bottom pivot kit, panel hinges, and the sliding door handle, all designed for durability and smooth function.

4. SPECIFICATIONS

Feature	Detail
Brand	SOLRIG
Model	60" 30"x 2 x 84" White 6 Panel
Color	White 6 Panel
Material	Engineered Wood (MDF)
Hardware Material	High-quality Carbon Steel with Frosted Black Surface
Product Dimensions (Overall)	1.38 x 60 x 84 inches (Depth x Width x Height)
Item Weight	90 Pounds
Assembly Required	Yes
Mounting Type	Floor Mount
Track Length	2x 2.83FT (total 5.66FT)

Lightweight Honeycomb Interior

1. Special designed for weight reduction
2. Excellent sound and heat insulation
3. Energy-saving and environmentally friendly



Figure 4.1: Illustration of the door's lightweight honeycomb interior, which contributes to its excellent sound and heat insulation properties, making it energy-saving and environmentally friendly.

5. SETUP AND INSTALLATION

The SOLRIG Bi-Fold Sliding Barn Door comes with pre-drilled door slabs and a comprehensive hardware kit for installation. It is crucial to follow the included instructions carefully for proper assembly and function.

5.1 Pre-Installation Checks

- **Measure Accurately:** Before purchasing and installing, accurately measure the rough opening of your doorway. The door height should be approximately 1/2 inch taller than the opening (or taller if trim is installed). The door width should be approximately 4 inches wider than the opening.
- **Wall and Floor Preparation:** Ensure the wall where the track will be mounted is structurally sound and level. A floor base is required for proper operation and stability of the bi-fold door.
- **Unpack and Inspect:** Carefully unpack all components and inspect them for any damage or missing parts. Report

any issues to customer support before proceeding.

Standard Bifold Barn Door Sizes



How to Measure for Double Bifold Barn Door

Size Choice	Door Width (W)	Door Height (H)	Track Length	Track Center Hole to Floor Guide
48" x 84"	48" (24" x 2)	84"	4.3ft	85 11/16"
60" x 84"	60" (30" x 2)	84"	2.83ft x 2	85 11/16"
72" x 84"	72" (36" x 2)	84"	3.3ft x 2	85 11/16"

Note: Door Panel Need to Assembly
Please measure the rough opening of your door accurately before purchasing to ensure a proper fit.

Figure 5.1: Guide for measuring and selecting the correct bi-fold barn door size. This diagram provides critical dimensions and recommendations for door height, width, and track placement relative to the floor.

5.2 Assembly Steps (General Guidelines)

Refer to the detailed instruction manual included in your package for step-by-step assembly. The following are general guidelines:

- 1. Install Track:** Mount the track securely to the wall above the doorway opening, ensuring it is level and at the recommended height (85 11/16 inches from the track center hole to the floor).
- 2. Assemble Door Panels:** Connect the individual door panels using the provided hinges. The panels are pre-drilled for ease of assembly.
- 3. Attach Hardware to Doors:** Secure the sliding wheels (pulleys) and door handles to the top and side of the door panels as indicated in the manual.
- 4. Install Floor Guide and Pivot Kit:** Install the floor guide and bottom pivot kit according to the instructions. These components are essential for the door's stability and smooth bi-folding action.

5. **Hang Doors:** Carefully hang the assembled door panels onto the track.
6. **Adjust and Test:** Make any necessary adjustments to ensure the doors slide and fold smoothly and align correctly. Test the operation multiple times.



Figure 5.2: Close-up of the roller set, emphasizing its smooth and quiet operation, adjustable pulley for precise fitting, and rust-resistant construction.



Figure 5.3: Illustrations demonstrating the advanced features of the sliding hardware, including 360-degree smooth rotation, silent operation, and robust industrial-grade construction of tracks and pulleys.

6. OPERATING INSTRUCTIONS

The SOLRIG Bi-Fold Sliding Barn Door is designed for intuitive and smooth operation.

- To open the door, gently pull the handle. The panels will simultaneously slide along the track and fold inward, allowing full access to the doorway.
- To close the door, gently push the panels back into place. They will unfold and slide along the track until the doorway is fully covered.
- The high-quality sliding wheels ensure a silent and smooth gliding motion, minimizing effort during operation.

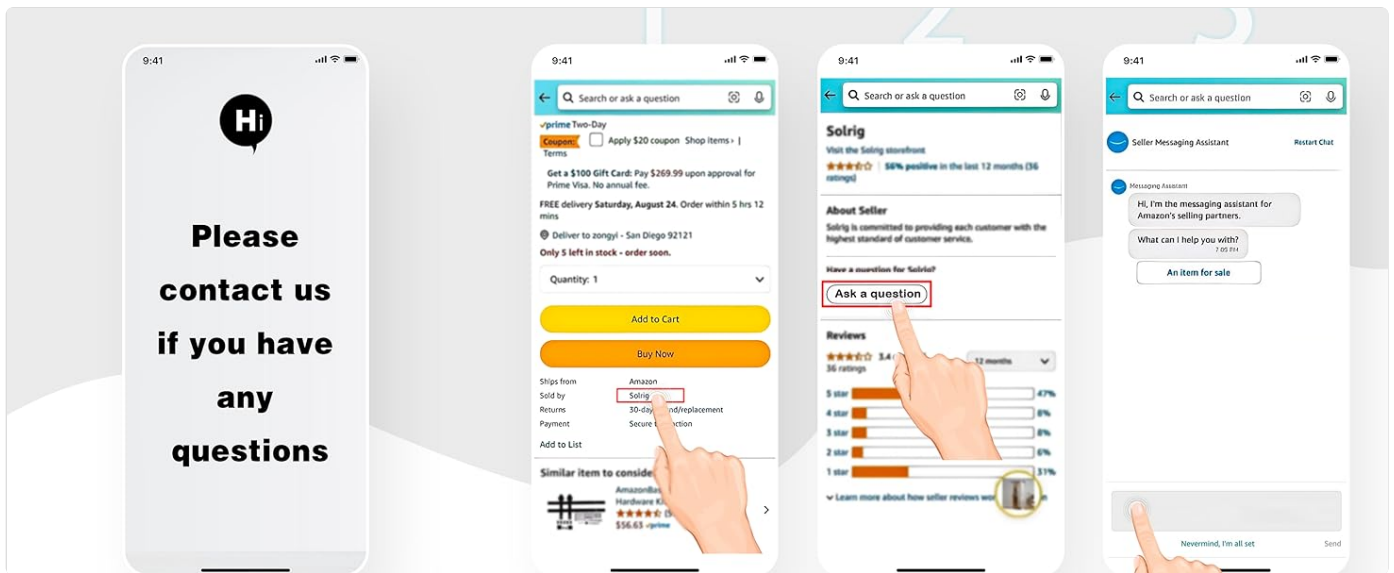


Figure 6.1: This image illustrates the significant space-saving advantage of the bi-fold barn door compared to a traditional barn door, making it ideal for narrower spaces.

7. MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your SOLRIG Bi-Fold Sliding Barn Door.

- **Cleaning:** Wipe down door panels with a soft, damp cloth. Avoid abrasive cleaners or harsh chemicals that could damage the finish. For hardware, use a dry cloth or a mild cleaner if necessary.
- **Hardware Inspection:** Periodically check all screws and fasteners on the track, pulleys, hinges, and handles to ensure they are tight. Re-tighten any loose connections.
- **Lubrication:** If the sliding motion becomes less smooth over time, apply a silicone-based lubricant to the track and wheel bearings. Avoid oil-based lubricants as they can attract dust and debris.
- **Door Alignment:** If the doors appear misaligned, refer to the installation manual for adjustment procedures. Minor adjustments to the hardware can often correct alignment issues.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your bi-fold sliding barn door.

Problem	Possible Cause	Solution
Doors do not slide smoothly or are stiff.	Dust or debris on the track; lack of lubrication; loose hardware; misaligned track.	Clean the track thoroughly. Apply silicone lubricant to the track and wheels. Check and tighten all hardware. Verify track alignment with a level.
Doors do not line up or close completely.	Improper installation; track not level; door panels not properly hinged; floor guide misalignment.	Review the installation manual for precise measurements and alignment steps. Ensure the track is perfectly level. Check hinge connections and floor guide placement. Adjust the adjustable pulley if available.
Door panels scuff easily.	Surface contact during operation; rough handling.	Ensure proper clearance during operation. Handle doors with care. Minor scuffs on matte finishes can sometimes be touched up with appropriate paint.

Problem	Possible Cause	Solution
Noise during operation.	Dry or dirty wheels/track; loose components.	Clean and lubricate the track and wheels. Check and tighten all hardware connections.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact SOLRIG customer support for assistance.

9. WARRANTY INFORMATION

SOLRIG products are designed for quality and durability. While specific warranty terms are not detailed in this manual, the manufacturer guarantees their work by quality, efficiency, and durability. For any damage or lost questions, please contact the SOLRIG team of experts.

10. CUSTOMER SUPPORT

For any questions, concerns, or assistance with your SOLRIG Bi-Fold Sliding Barn Door, please do not hesitate to contact our customer support team. We are committed to ensuring you have a positive experience with our product.

Contact Method:

Visit the [SOLRIG Store on Amazon](#) and use the "Ask a question" feature.

Refer to the contact information provided on your purchase receipt or product packaging.

If your product arrives damaged or if something is missing, please reach out to our team right away for a free replacement.



Figure 10.1: Guide on how to contact SOLRIG customer support through the Amazon platform for any inquiries or issues.