

[Manuals.plus](#) /

› [Souyou](#) /

› Souyou 38" Concealed Sliding Barn Door Hardware Kit User Manual

Souyou 38" Concealed Barn Door Hardware Kit

Souyou 38" Concealed Sliding Barn Door Hardware Kit User Manual

Model: 38" Concealed Barn Door Hardware Kit

PRODUCT OVERVIEW

The Souyou 38" Concealed Sliding Barn Door Hardware Kit is designed for interior wooden doors, offering a sleek, hidden installation with a soft-close mechanism. This wall-mount, no-floor aluminum track system ensures quiet and smooth operation, minimizing noise and wear. It's an ideal solution for creating a modern and safe living space, especially for families with children, by avoiding tripping hazards associated with traditional door closers.



Image: Complete set of Souyou 38" Concealed Sliding Barn Door Hardware Kit components alongside a door with the hardware installed, showcasing its hidden design.

INSTALLATION REQUIREMENTS

- This 38" hidden barn door hardware is suitable for doors with a thickness ranging from 1-1/4 inches to 1-3/4 inches.
- Applicable to wooden doors weighing up to 176 lbs.
- The 38" track is suitable for an opening width of 30 inches to 34 inches.
- The top of the door panel needs to be prepared with a 1-inch L-groove.
- The bottom track requires a U-groove.
- Ensure the door opening is level and plumb before installation.

Soft Close Mechanisms Designed

Installation requirements for barn doors:

1. The opening width is 32 - 36 inches.
2. The door weight is less than 176 pounds.
3. The door is 2.6-2.8 inches higher than the door opening.
4. Door thickness: 1-1/4" - 1-3/4".



Image: Detailed diagram illustrating the required door thickness (1-1/4" to 1-3/4") and the recommended 0.4-inch gap between the door panel and the wall for proper soft-close mechanism function.

INSTALLATION CHECKLIST

The hidden door hardware kit includes the following components:

- 1 x 38" Top Track (Aluminum)
- 1 x Bottom Track (Aluminum)
- 1 x Top Roller
- 2 x Bottom Wheels
- 2 x Soft Closures
- 2 x End Caps
- 1 x Floor Guide
- Necessary Screws and Wrenches
- Installation Instruction Manual (physical copy)

Note: Door panel is not included in this kit.



Image: An exploded view of all hardware components, including the soft-close device, down runner, rail, upper runner, down guide roller, side runner, and various assembly parts, with their respective dimensions.

SETUP AND INSTALLATION

Please read these instructions carefully before beginning installation. For a visual guide, refer to the official installation video provided below.

Official Installation Video



Video: A comprehensive installation guide for the Souyou Concealed Sliding Barn Door Hardware Kit, demonstrating each step from track installation to final adjustments.

Step-by-Step Installation Guide

1. Prepare the Door Panel and Install Tracks

1. Prepare the Door Panel and Install Tracks

Ensure your door panel has the necessary 1-inch L-groove at the top and a U-groove at the bottom. Place the top track into the pre-cut L-groove and secure it with the provided ST4 screws. Then, place the buffer at one end of the door panel, ensuring it is in the open state. Install side wheels on both sides of the track. After installing the floor wheels and track, tighten the screws.



Image: An overhead diagram showing the placement of the top track, buffer, and side wheels on the door panel, along with the bottom track and floor wheels.

2. Install Wall Components (Main Bracket and Lower Positioning Wheel)

Use a level to ensure that the door opening is perfectly level and plumb. Mark the drilling points for the main bracket on the wall. Install expansion screws and then secure the main bracket. For the lower positioning wheel, locate and drill holes on the floor, then install expansion screws and the lower positioning wheel.

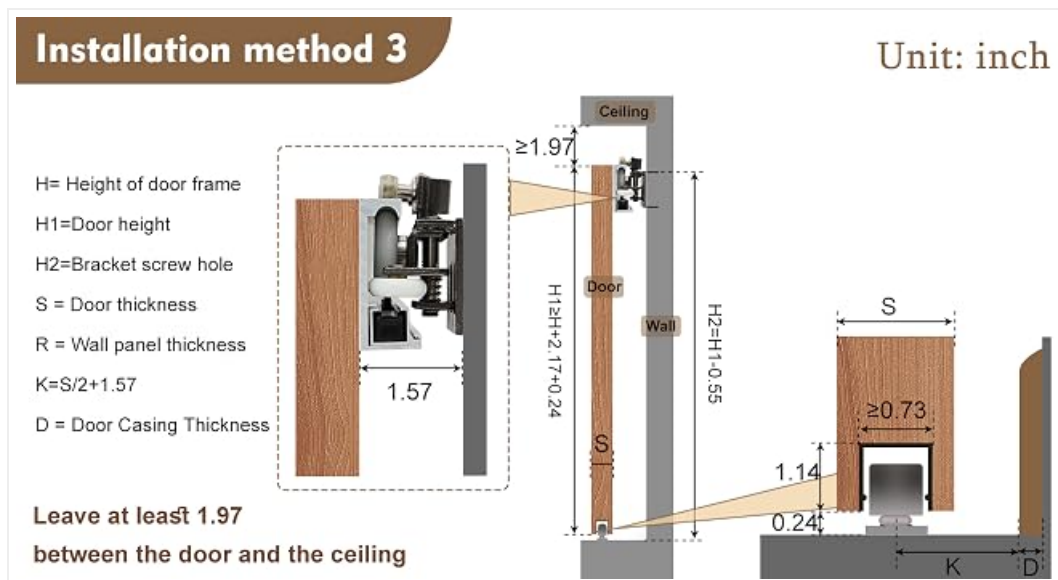


Image: Diagram illustrating Installation Method 1, showing measurements and placement for the main bracket and lower positioning wheel relative to the door frame and wall.

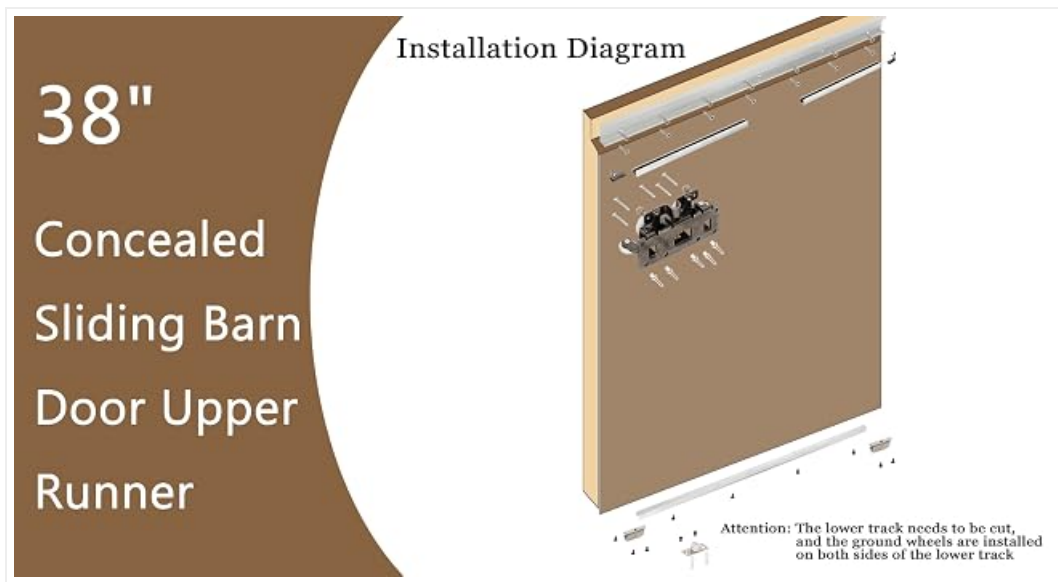


Image: Diagram illustrating Installation Method 2, providing alternative measurements and placement for the main bracket and lower positioning wheel, accounting for wall panel thickness.

3. Door Leaf Installation

Adjust the main bracket to its highest position. Carefully align the door panel with the top track and snap it into place slowly. Then, lower the door panel so that the bottom track engages with the lower positioning wheel.

4. Adjustment and Finishing

Use the provided hexagonal screws to adjust the vertical position of the door until it hangs correctly. After completion, tighten the safety buckle screws. Ensure there is at least a 2 mm gap for the safety buckle to function properly. Open and close the door several times to check that the soft-close mechanism functions smoothly and quietly.

38" Concealed Sliding Barn Door Upper Runner

Hardware Adopt POM material pulleys

High hardness and large load-bearing capacity

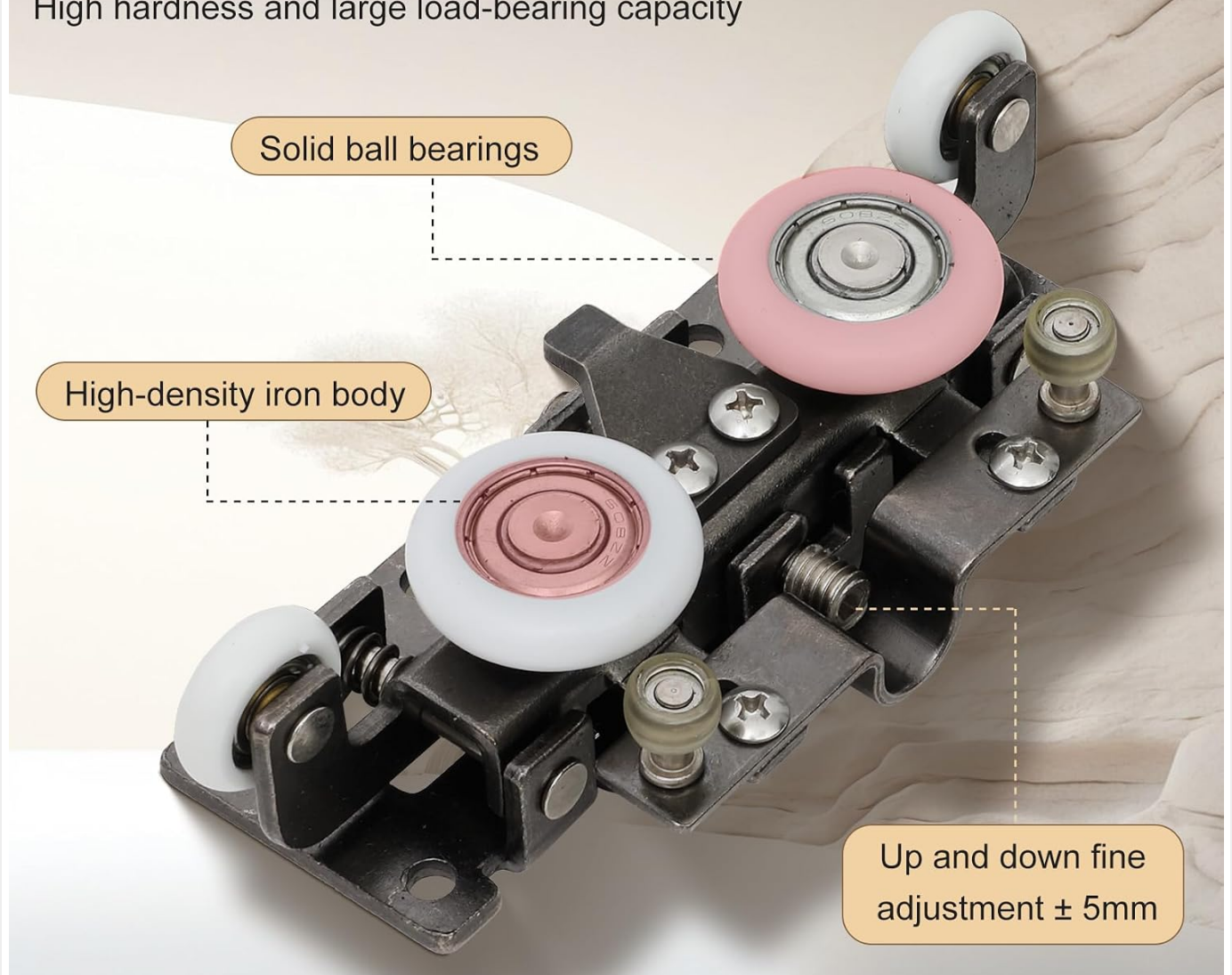


Image: A close-up view of the 38" Concealed Sliding Barn Door Upper Runner, highlighting its POM material pulleys, solid ball bearings, high-density iron body, and up and down fine adjustment points ($\pm 5\text{mm}$).

Silent rollers for smooth pushing and pulling

Hidden design without a bottom track



Fixed on the side of the lower track and plays a load-bearing role

Image: Illustration of the silent rollers for smooth pushing and pulling, emphasizing the hidden design without a visible bottom track and how the fixed side of the lower track plays a load-bearing role.

SPECIFICATIONS

Attribute	Detail
Brand	Souyou
Model Number	38" Concealed Barn Door Hardware Kit
Size	38" Hardware Kit for 30"-34" door (No door)
Color	Silver
Material	Aluminum
Style	Concealed sliding barn door

Item Weight	5.09 pounds
Product Dimensions	1.75 x 38 x 38 inches
Assembly Required	Yes

MAINTENANCE

To ensure the longevity and smooth operation of your Souyou Concealed Sliding Barn Door Hardware Kit, regular maintenance is recommended:

- **Cleaning:** Periodically wipe down the visible parts of the track and rollers with a soft, damp cloth to remove dust and debris. Avoid abrasive cleaners.
- **Lubrication:** If the rollers or track begin to feel stiff or noisy, apply a small amount of silicone-based lubricant to the moving parts of the rollers and inside the track. Do not use oil-based lubricants as they can attract dust.
- **Screw Tightness:** Over time, screws may loosen. Periodically check all mounting screws for tightness, especially those securing the main bracket and tracks, and tighten if necessary.
- **Soft-Close Mechanism:** Ensure the soft-close mechanism is free of obstructions. If it does not engage properly, check for any debris or misalignment.

TROUBLESHOOTING

If you encounter any issues with your hardware kit, please refer to the following common troubleshooting tips:

- **Door not sliding smoothly:**
 - Check if the track is clean and free of debris.
 - Ensure the rollers are properly seated in the track.
 - Apply lubricant to the rollers and track as per maintenance instructions.
 - Verify that the door panel is not rubbing against the wall or floor.
- **Soft-close mechanism not engaging:**
 - Confirm the buffer is in the open state and correctly positioned.
 - Check for any obstructions preventing the mechanism from fully extending or retracting.
 - Ensure the door's weight is within the specified limit (up to 176 lbs).
- **Door is not level:**
 - Use the hexagonal screws on the main bracket to adjust the vertical position of the door.
 - Verify that the wall components (main bracket and lower positioning wheel) were installed level and plumb.
- **Excessive noise during operation:**
 - Lubricate the rollers and track.
 - Check for any loose screws or components that might be vibrating.
 - Ensure the door panel is not scraping against any surfaces.

If these steps do not resolve the issue, please contact customer support.

WARRANTY AND SUPPORT

Souyou is committed to providing high-quality products and comprehensive after-sales service. While specific warranty details are not provided in this manual, we stand behind our product.

If you encounter any problems after receiving the goods or during installation and use, please do not hesitate to contact us promptly via email. Our customer support team is happy to assist you in determining compatibility, resolving issues, and ensuring your rights are protected.

Trust us for reliable support and assistance with your Souyou Concealed Sliding Barn Door Hardware Kit.

