

## JUBEST TSQAL22-48IN

# JUBEST 48" Concealed Barn Door Hardware Kit Instruction Manual

Model: TSQAL22-48IN

## INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your JUBEST 48" Concealed Barn Door Hardware Kit. Please read all instructions carefully before beginning installation to ensure proper function and safety. Retain this manual for future reference.

## SAFETY INFORMATION

- Always wear appropriate safety gear, including eye protection and gloves, during installation.
- Ensure the mounting surface (wall) is structurally sound and capable of supporting the weight of the door and hardware.
- Use the correct tools for each step as specified.
- Keep children and pets away from the work area during installation.
- If you are unsure about any step, consult a qualified professional.

## PACKAGE CONTENTS

Please verify that all components are present before beginning installation. The package includes:

- 1 Top track
- 1 Top roller
- 2 Soft close mechanisms
- 2 End caps
- 2 Bottom rollers
- 1 Bottom track
- 1 Floor guide
- Necessary screws and wrench
- Detailed instructions (this manual)



Image: All components of the JUBEST Concealed Barn Door Hardware Kit, including tracks, rollers, soft close mechanisms, and fasteners.

SPECIFICATIONS

Brand	JUBEST
Model Number	TSQAL22-48IN
Color	Silver
Material	Aluminum
Door Weight Capacity	Up to 176 lbs (80 kg)
Suitable Door Thickness	1-1/4" to 1-3/4"
Suitable Door Opening Width	40" to 44"
Top Track Length	47.75"
Bottom Track Length	43.42"

Item Weight	5.39 pounds
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**Note:** The tracks can be cut to fit smaller door panels. Exercise caution and precision when cutting.

## SETUP AND INSTALLATION

This section guides you through the installation process for the JUBEST Concealed Barn Door Hardware Kit. Prior to installation, ensure your door panel is prepared with L and U channels for track fitting, and remove any existing baseboard or door frame if necessary.

Your browser does not support the video tag.

Video: A visual guide demonstrating the installation process for a concealed sliding door system. This video covers the steps from preparing the door to final adjustments.

### Door Preparation and Dimensions

Before installing the hardware, ensure your door meets the specified dimensions and has the necessary grooves. An L-groove must be cut into the top of the door, and a U-channel for the bottom track.



Image: Detailed diagram illustrating the required L-groove cut in the top of the door and the acceptable door thickness range ( $1\text{-}1/4"$  to  $1\text{-}3/4"$ ) for proper installation.

## Installation Steps

### 1. Step 1: Cut Top Track to Length

Cut the top track to the required length (Door Width - 20mm). Loosen the soft close screws and place both soft close mechanisms on both ends of the top track.



Image: Illustration of cutting the top track to the correct length and positioning the soft close mechanisms at each end.

### 2. Step 2: Fasten Top Track onto Door Slot

Securely fasten the prepared top track into the L-shaped slot on the top edge of your door panel using the provided screws.



Image: Visual representation of fastening the top track into the pre-cut L-slot on the door panel.

### 3. Step 3: Tighten Soft Close Screws

Ensure the soft close mechanisms are flush and even with either end of the track, then tighten their respective screws to secure them in place.



Image: Illustration of tightening the screws on the soft close mechanisms to ensure they are properly aligned and secured.

### 4. Step 4: Install Bottom Rollers

Remove the wheel part from the bottom roller body. Fasten the bottom roller body into the U-channel slot on the bottom of the door. Reinsert the wheel part back into the body.





Image: Close-up of the bottom wheel mechanism, designed to fix the bottom track sides and ensure smooth sliding.  
The door requires a groove for this component.

#### 5. **Step 5: Cut Bottom Track to Length**

Cut the bottom track to the required length (Door Width - 130mm). Insert the cut bottom track inside the bottom slot of the door.



Image: Illustration of cutting the bottom track to the specified length and placing it within the door's bottom groove.

#### 6. **Step 6: Mount Hanger onto the Wall**

Remove the anti-jump block from the hanger. Mark and drill holes on the wall according to the provided measurements (DH-1 7/32" (31mm) from the top of the door opening, and 5/32" (4mm) from the wall edge). Securely mount the hanger onto the wall using the appropriate fasteners.



Image: Step-by-step guide for removing the anti-jump block from the hanger and marking/drilling holes for wall mounting.

#### 7. **Step 7: Mount Floor Guide**

Position the floor guide on the floor, ensuring it aligns with the door's path. Mark and drill holes, then securely fasten the floor guide to the floor.



Image: Illustration of marking and drilling holes for the floor guide, followed by its secure installation on the floor.

#### 8. **Step 8: Hang Door Panel**

Carefully put the floor guide inside the bottom slot of the door. Then, hang the door panel onto the hanger, ensuring the hanger is positioned in the middle of the top track. Rotate the screw to adjust the height of the wheel for complete rail fitting. Finally, tighten the anti-jump block screws.



Image: Visual guide for hanging the door panel, adjusting the wheel height for proper rail fit, and tightening the anti-jump block screws.

#### 9. **Step 9: Test Soft Close Actuator**

Move the door both left and right to ensure the actuator is correctly positioned between the fins of the soft close mechanism. This confirms proper engagement for smooth operation.



Image: Illustration demonstrating the movement of the door to verify the correct positioning and function of the soft close actuator.

#### 10. Step 10: Adjust Door Parallelism

If the door panel is not parallel with the wall, first loosen both screws on the hanger. Hold the door parallel with the wall by hand, then tighten both screws to secure the adjustment. This ensures smooth and aligned sliding.



Image: Guide on adjusting the door's parallelism with the wall by loosening, aligning, and retightening the hanger screws.

## OPERATING INSTRUCTIONS

Your JUBEST Concealed Barn Door Hardware Kit is designed for smooth and quiet operation. The soft-close mechanisms ensure the door gently slows down and closes without slamming.

- To open the door, gently push or pull the door panel. The rollers will glide along the top track.
- As the door approaches its fully open or fully closed position, the soft-close mechanism will engage, slowing the door's movement for a quiet and controlled stop.
- Avoid forcing the door or attempting to override the soft-close mechanism, as this may cause damage.



Image: An example of the JUBEST concealed barn door hardware installed, showcasing its sleek, hidden design and smooth operation in a modern setting.

## MAINTENANCE

Regular maintenance will help ensure the longevity and smooth operation of your hardware kit.

- **Cleaning:** Periodically wipe down the tracks and rollers with a soft, damp cloth to remove dust and debris. Avoid abrasive cleaners.
- **Lubrication:** If the door's movement becomes stiff, apply a small amount of silicone-based lubricant to the rollers and inside the tracks. Do not use oil-based lubricants as they can attract dirt.
- **Hardware Check:** Annually inspect all screws and fasteners to ensure they are tight. Re-tighten any loose components.
- **Roller Inspection:** Check the rollers for any signs of wear or damage. Replace if necessary.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
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Door does not slide smoothly.	Dirt or debris in tracks; lack of lubrication; misaligned door.	Clean tracks, lubricate rollers, check door parallelism (refer to Step 10).
Soft-close mechanism not engaging.	Actuator not correctly positioned; mechanism damaged.	Verify actuator position (refer to Step 9), ensure soft close screws are tight (refer to Step 3).
Door is wobbly or unstable.	Loose fasteners; improper wall mounting; door not parallel.	Check and tighten all fasteners, ensure hanger is securely mounted, adjust door parallelism (refer to Step 10).
Door scrapes against the floor.	Incorrect door height adjustment.	Adjust the height of the top roller wheel (refer to Step 8).

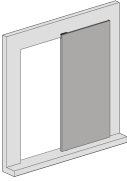
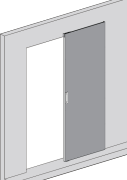
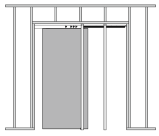
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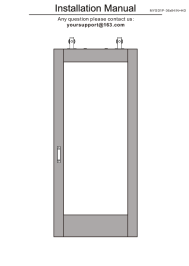
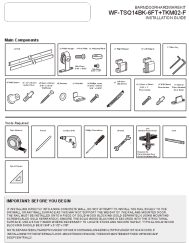
JUBEST products are manufactured with quality and durability in mind. For specific warranty details, please refer to the warranty card included with your purchase or contact JUBEST customer service.

If you encounter any issues or have questions regarding your JUBEST Concealed Barn Door Hardware Kit, please contact our professional customer service team for assistance. We are dedicated to customer satisfaction.

**Contact Information:** Please refer to the product packaging or the official JUBEST website for the most current customer support contact details.

## Related Documents - TSQAL22-48IN

<p>Installation Manual TSQAL22-38IN</p> 	<p><a href="#">TSQAL22-38IN Concealed Barn Door Hardware Installation Manual</a></p> <p>Detailed installation guide for the JUBEST TSQAL22-38IN concealed barn door hardware kit, featuring a soft close mechanism and wall-mounted invisible sliding track. Includes component lists, preparation steps, and assembly instructions for 42-inch doors.</p>
<p>42" x 84" Hidden Barn Door Installation Manual Any questions, please contact us at: <a href="mailto:support@jubest.com">support@jubest.com</a></p> 	<p><a href="#">JUBEST 42x84 Inch Hidden Barn Door Installation Manual</a></p> <p>Comprehensive installation guide for the JUBEST 42x84 inch Hidden Barn Door hardware system. Includes a detailed parts list, required tools, and step-by-step instructions with diagrams described in text for easy assembly.</p>
<p>Installation Manual TSQALW03-W34</p> 	<p><a href="#">JUBEST TSQALW03-W34 Sliding Pocket Door Frame Kit Installation Manual</a></p> <p>Detailed installation guide for the JUBEST TSQALW03-W34 sliding pocket door frame kit, including component lists, pre-installation steps, cutting instructions, and assembly procedures.</p>

 <p>The image shows the cover of the 'Installation Manual' for the JUBEST MYSD1P-36x84IN Sliding Barn Door. It features a simple line drawing of a sliding barn door with a handle and rollers. The text 'Installation Manual' is at the top, and 'Any questions please contact us: support@jubest.com' is at the bottom.</p>	<p><a href="#">JUBEST MYSD1P-36x84IN Sliding Barn Door Installation Manual</a></p> <p>Comprehensive installation guide for the JUBEST MYSD1P-36x84IN sliding barn door hardware kit, including tools required, hardware list, and step-by-step assembly instructions.</p>
 <p>The image shows the cover of the '36x84 Inch Hidden Barn Door Installation Manual'. It features a 3D perspective drawing of a hidden barn door frame and door. The text '36x84 Inch Hidden Barn Door Installation Manual' is at the top, and 'Any questions please contact us: support@jubest.com' is at the bottom.</p>	<p><a href="#">JUBEST 36x84 Inch Hidden Barn Door Installation Manual</a></p> <p>Comprehensive installation guide for the JUBEST YCM07-36x84IN+HD Hidden Barn Door hardware kit. Includes tools, parts list, and detailed step-by-step instructions for assembly and mounting.</p>
 <p>The image shows the cover of the 'Barn Door Hardware Kit Installation Guide - WF-TSQ14BK-6FT+TKM02-F'. It features a grid of small images showing various hardware components and tools. The text 'Barn Door Hardware Kit Installation Guide - WF-TSQ14BK-6FT+TKM02-F' is at the top, and 'Any questions please contact us: support@jubest.com' is at the bottom.</p>	<p><a href="#">Barn Door Hardware Kit Installation Guide - WF-TSQ14BK-6FT+TKM02-F</a></p> <p>Detailed installation guide for the WF-TSQ14BK-6FT+TKM02-F Barn Door Hardware Kit by JuBest, covering component identification, tools required, and step-by-step instructions for concrete and drywall installation.</p>