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› [SMARTSTANDARD](#) /

› SMARTSTANDARD 8ft Barn Door Hardware Kit Instruction Manual - Model SDH080IS012R

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SMARTSTANDARD 8ft Barn Door Hardware Kit Instruction Manual

Model: SDH080IS012R

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SMARTSTANDARD 8ft Barn Door Hardware Kit. Designed for durability and smooth operation, this kit allows for the installation of a sliding barn door, optimizing space and enhancing your interior design. Please read all instructions carefully before beginning installation.

The kit is suitable for door panels with a width of 42"-48" and a thickness of 1 3/8" to 1 3/4", supporting a maximum weight of 260 lbs.



Image: A wooden barn door installed with the SMARTSTANDARD 8ft hardware kit, showcasing its functional and aesthetic integration into a home interior.

COMPONENTS LIST

The SMARTSTANDARD 8ft Barn Door Hardware Kit includes the following components:

- 2 x 4ft Rails (forming a complete 8ft track)
- 6 x Rail Spacers
- 2 x Rollers (with nylon pulleys and bearings for smooth, quiet operation)
- 2 x Door Stops
- 2 x End Caps
- 1 x Floor Guide
- 1 x Hex Key
- 1 x Rail Connector
- All other necessary hardware for installation (screws, anchors for 16-inch studs)

Note: Door panel is NOT included.



Image: An overhead view of all the individual components included in the hardware kit, neatly arranged.

SETUP & INSTALLATION

Careful planning and accurate measurements are crucial for a successful installation. Ensure you have all components and necessary tools before starting.

Pre-installation Checks:

- **Door Compatibility:** Ensure your door panel is between 42"-48" wide and 1 3/8" to 1 3/4" thick. The maximum weight capacity is 260 lbs.
- **Wall Structure:** The track must be mounted to solid wood studs or a sturdy header board securely fastened to studs. Standard 16-inch stud spacing is assumed.
- **Clearance:** Ensure at least 5 inches of clearance above the top of the door frame for the track and rollers.



Image: A diagram illustrating the necessary measurements for door panel width, thickness, and the 5-inch clearance above the door frame for proper installation.

Tools Required:

- Pencil for marking
- Measuring Tape
- Level
- Drill and drill bits
- Wrench or Socket Set
- Stud Finder (if not using a header board)

Installation Steps:

1. **Prepare the Wall:** Locate wall studs. If studs do not align with the pre-drilled holes in the rail, install a sturdy wooden header board (e.g., 1x4 or 2x4) across the door opening, ensuring it is level and securely fastened to at least two studs.

2. **Assemble the Rail:** If you have two 4ft rails, connect them using the rail connector provided. Ensure the connection is tight and flush.
3. **Mount the Track:** Mark the desired height for the track, ensuring adequate clearance. Drill pilot holes and attach the track to the wall or header board using the rail spacers and lag bolts. Ensure the track is perfectly level.
4. **Install Rollers on Door:** Attach the rollers to the top edge of your door panel. Ensure they are evenly spaced and securely fastened.
5. **Hang the Door:** Carefully lift the door panel and hook the rollers onto the track.
6. **Install Door Stops:** Slide the door stops onto the track at both ends to prevent the door from rolling off. Adjust their position to control the door's travel and tighten them securely.
7. **Install Floor Guide:** Position the floor guide on the floor directly below the door. Mark and drill pilot holes, then secure the guide. This prevents the door from swinging out.



Image: A visual guide demonstrating the process of attaching the track to the wall and installing the rollers onto the door panel.

OPERATING INSTRUCTIONS

Your SMARTSTANDARD barn door hardware is designed for smooth and quiet operation. To open or close the door, simply grasp the door handle and slide the door along the track. The nylon pulleys with bearings ensure minimal friction and noise.

The installed door stops will prevent the door from exceeding its intended travel limits, ensuring safe and controlled movement.

MAINTENANCE

To ensure the longevity and continued smooth operation of your barn door hardware, follow these simple maintenance tips:

- **Regular Cleaning:** Periodically wipe down the track and rollers with a soft, damp cloth to remove dust and debris. Avoid abrasive cleaners.
- **Check Fasteners:** Every few months, inspect all screws and bolts on the track and rollers to ensure they remain tight. Tighten any loose fasteners to prevent wobbling or noise.
- **Roller Inspection:** Check the nylon pulleys for any signs of wear or damage. While designed for durability (100,000 open/close cycles), extreme conditions may affect them.

TROUBLESHOOTING

If you encounter any issues with your barn door hardware, refer to the following common solutions:

- **Door not sliding smoothly:**
 - Check the track for any obstructions or debris and clean thoroughly.
 - Ensure the track is level. An unlevel track can cause resistance.
 - Inspect rollers for damage or excessive wear.
- **Excessive noise during operation:**
 - Tighten all mounting bolts on the track and rollers.
 - Ensure the door stops have their rubber bumpers intact and are properly positioned.
- **Door swinging out from the wall:**
 - Verify the floor guide is securely installed and properly aligned with the door.

SPECIFICATIONS

Feature	Specification
Brand	SMARTSTANDARD
Model Number	SDH080IS012R
Material	Carbon Steel
Color	Black
Track Length	8 Feet (2 x 4ft sections)

Item Weight	17.21 Pounds
Max Door Weight Capacity	260 lbs
Fit Door Panel Width	42"-48"
Fit Door Panel Thickness	1 3/8" - 1 3/4"
Assembly Required	Yes

WARRANTY & SUPPORT

Your SMARTSTANDARD Barn Door Hardware Kit comes with a **5-year warranty**, reflecting our commitment to quality and durability. The product has successfully passed 100,000 opening and closing tests, ensuring reliable performance.

Should you have any questions, require assistance with installation, or encounter any issues, our professional Customer Service Team is available to provide timely support. Please refer to the product packaging or the official SMARTSTANDARD website for contact information.

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

Anonymous

Email

you@example.com

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