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› AINLARRY 40-inch Bifold Barn Door Hardware Kit Instruction Manual

## AINLARRY FBA-ANY-BFCD-40

# AINLARRY 40-inch Bifold Barn Door Hardware Kit

Model: FBA-ANY-BFCD-40

## INTRODUCTION

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Thank you for choosing the AINLARRY 40-inch Bifold Barn Door Hardware Kit. This kit is designed to provide a smooth and quiet operation for your bifold doors, optimizing space in areas such as pantries, laundry rooms, and closets. This manual provides essential information for safe installation, proper operation, and maintenance to ensure the longevity and performance of your hardware.

## SAFETY INFORMATION

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

## PACKAGE CONTENTS

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Please verify that all components listed below are present in your package before beginning installation. (Note: Doors are not included in this kit.)

- 1x Door Handle (Gift)
- 1x 40-inch Rail
- 2x Rollers
- 2x Roller Rotating Base
- 1x Roller Fixator
- 3x Rail Supports
- 3x Hinges
- 1x Floor Guide
- 1x Sealing Strip

- Assorted Screws and Anchors
- Hex Wrenches



Figure 1: All components included in the hardware kit. Please ensure all parts are present before installation.

## SPECIFICATIONS

Feature	Specification
Brand	AINLARRY
Model Number	FBA-ANY-BFCD-40
Color	Black
Material	Metal
Style	Modern
Assembly Required	Yes

Item Weight	12.97 pounds
Product Dimensions	42.13 x 4.53 x 2.76 inches
Kit Size	3.3FT / 40" Kit for Two 18" Doors
Door Weight Limit	200 lbs
Suitable Door Opening Width	24" - 36"
Max Per Door Leaf Width	18"
Minimum Clearance Needed (Top of door to top of roller)	6"
Recommended Door Height	Opening Height + 2"
Recommended Door Thickness	1.37" - 1 7/9"

## How to Choose the Track Size ?

Track Length	Doors	Opening	Per Door Leaf Width	Door Height	Door Thickness	Clearance Need	Door Weight Limit
3.3ft/ 40"	2	24"-36"	Max 18"	>=opening height +2"	1.37"-1 7/9"	6"	200 lbs
4.3ft/ 52"	2	36"-48"	Max 24"				
5.3ft/ 64"	2	48"-60"	Max 30"				
5.3ft/ 64"	4	48"-60"	Max 15"				400 lbs
6.3ft/ 76"	4	60"-72"	Max 18"				
7.3ft/ 88"	4	72"-84"	Max 21"				

**Sizing Help: Sizing can be tricky. Let us help you find the perfect fit. Don't hesitate to contact us!**

### Frequently Bought Together



Our 40" track length



A 36" bifold door



Suitable to cover opening width 24"-36"

Figure 2: Guide for selecting the appropriate track size and door dimensions.

## SETUP AND INSTALLATION

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This hardware kit is designed for straightforward installation. Detailed graphic and text instructions are provided to guide you through the process. The track should be 4 inches longer than your door opening. The distance from the top of the door to the top of the roller should be at least 6 inches.

### Pre-Installation Checks

1. Measure your door opening carefully to ensure it falls within the 24"-36" range for this 40" track kit.
2. Confirm your doors meet the recommended height and thickness specifications.
3. Ensure the wall above the door opening has sufficient structural support for the track and door weight.

### Installation Steps (Summary)

Refer to the detailed instructions included in your package for complete step-by-step guidance. The general process involves:

1. Marking and drilling holes for the rail supports on the wall.
2. Attaching the rail to the wall using the provided supports.
3. Assembling the rollers and rotating bases onto your bifold doors.
4. Mounting the hinges to connect the bifold door panels.
5. Installing the floor guide to ensure proper door alignment and movement.
6. Hanging the doors onto the track and adjusting for smooth operation.
7. Installing the door handle.



Figure 3: Components of the upgraded nylon pulleys, designed for smooth and quiet operation.

# 360° Free Rotation

Fixed wheel

*Fixed wheel: fixed roller position to prevent sliding*

Sliding wheel

*Sliding wheel: ensure smooth sliding*

*( Note: Door Not Included )*



Figure 4: Illustration of the 360-degree free rotation feature of the rollers.

## OPERATION

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The AINLARRY bifold barn door hardware allows for smooth and quiet opening and closing of your doors. The rollers, made of high-quality nylon, ensure minimal friction and noise during operation. The design facilitates a 360-degree rotation, enabling the doors to fold efficiently and save space.

# SPACE SAVER



Figure 5: The bifold design offers significant space-saving benefits compared to traditional door types.

## UP TO 50% SPACE SAVING



Figure 6: The hardware supports door pivot on either the left or right side of the opening.

### MAINTENANCE

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Regular maintenance will help prolong the life and smooth operation of your bifold barn door hardware.

- **Cleaning:** Wipe the track and rollers periodically with a soft, damp cloth to remove dust and debris. Avoid abrasive cleaners.
- **Lubrication:** Apply a silicone-based lubricant to the track and roller bearings annually to maintain smooth movement.
- **Fastener Check:** Periodically check all screws and bolts to ensure they are tight. Retighten if necessary to prevent wobbling or misalignment.
- **Door Alignment:** If doors become misaligned, refer to the installation instructions for adjustment procedures.

### TROUBLESHOOTING

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If you encounter issues with your bifold barn door hardware, try the following troubleshooting steps:

- **Doors sticking or difficult to move:**
  - Check the track for obstructions or debris. Clean thoroughly.
  - Apply lubricant to the track and rollers.
  - Ensure the floor guide is properly aligned and not causing friction.
  - Verify that the door weight does not exceed the 200 lbs limit.
- **Excessive noise during operation:**
  - Lubricate the rollers and track.
  - Check for loose fasteners on the rollers, hinges, or track supports.
  - Ensure the doors are not rubbing against the frame or each other.
- **Doors not closing properly:**

- Check the alignment of the floor guide and the top track.
- Ensure hinges are securely fastened and not bent.
- Verify that the door opening width is within the recommended range for the track.

## WARRANTY AND CUSTOMER SUPPORT

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AINLARRY provides a 5-year support period for this product, reflecting our commitment to quality and durability.

We offer round-the-clock customer support with a dedicated team available online 24/7 to assist you. If you encounter any issues with our products or require assistance, please do not hesitate to reach out to us. We are committed to resolving any concerns and ensuring your satisfaction.

For support, please visit the AINLARRY store on Amazon or contact us directly through the platform.