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› ReplacementScrews Bed Frame Cam Wheel Locks User Manual

ReplacementScrews RSAZN107979

ReplacementScrews Bed Frame Cam Wheel Locks User Manual

Brand: ReplacementScrews | Model: 114670 (RSAZN107979)

1. PRODUCT OVERVIEW

These ReplacementScrews cam wheel locks are designed as genuine replacement parts for IKEA part 114670 spiral wheel locks. They are compatible with various IKEA bed frames, including MALM, BRIMNES, SONGESAND, BJORKSNAS, TYSSDAL, and FLEKKE series. The primary function of these components is to secure and stabilize bed frame connections, ensuring structural integrity.



Image 1.1: A set of eight ReplacementScrews cam wheel locks. These metal components are designed to secure bed frame connections, featuring a circular shape with internal segments for cam action.

Each wheel lock has a diameter of 35mm (approximately 1-1/2 inches). It is crucial to verify the part number (IKEA part #114670) in your bed frame's assembly manual and measure existing components to ensure compatibility before installation.

2. SETUP AND INSTALLATION

This section provides general guidance for installing the ReplacementScrews cam wheel locks. Always refer to your specific IKEA bed frame's assembly manual for detailed, model-specific instructions.

2.1 Required Tools

- Screwdriver (appropriate type for your bed frame's existing fasteners, usually Phillips or Allen key)
- Measuring tape or ruler (to confirm component dimensions)

2.2 Installation Steps

1. **Identify the Connection Points:** Locate the areas on your bed frame where cam locks are used to join panels or beams. These typically involve a cam dowel or pin that inserts into a pre-drilled hole, and the cam lock then rotates to secure it.
2. **Remove Old Components (if replacing):** If you are replacing existing cam locks, carefully remove the old components. This may involve rotating the old cam lock counter-clockwise with a screwdriver until it loosens, then pulling it out.

3. **Insert the Cam Lock:** Place the ReplacementScrews cam wheel lock into the designated circular recess in the bed frame panel. Ensure it sits flush within the recess.
4. **Align and Secure:** Insert the corresponding cam dowel or pin from the adjacent bed frame component into the central hole of the cam lock. Using a screwdriver, rotate the cam lock clockwise until it firmly engages with the dowel/pin and secures the connection. Do not overtighten, as this can damage the furniture.
5. **Verify Stability:** Gently test the connection to ensure it is stable and secure. Repeat for all necessary connection points.

Note: These cam locks are designed for specific IKEA models. Please confirm compatibility with IKEA part #114670. Compatible models include MALM (e.g., 702.494.84, 691.762.85), BRIMNES (e.g., 902.737.84, 791.296.08), SONGESAND (e.g., 403.725.31, 592.410.69), BJORKSNAS (e.g., 204.016.19), TYSSedal (e.g., 502.963.63), and FLEKKE (e.g., 703.201.35).

3. OPERATING PRINCIPLES

The ReplacementScrews cam wheel locks function as a critical component in knockdown furniture assembly. When rotated, the internal mechanism of the cam lock engages with a mating dowel or pin, drawing the two furniture panels together and creating a strong, stable joint. This mechanical action provides structural integrity to the bed frame, preventing movement and ensuring a secure assembly.

4. MAINTENANCE

These cam wheel locks are designed for durability and typically require minimal maintenance. Periodically inspect all bed frame connections to ensure the cam locks remain securely tightened. If any looseness is detected, gently retighten the cam lock with a screwdriver. Avoid using excessive force during tightening to prevent damage to the component or the furniture.

Clean the components with a dry, soft cloth if necessary. Avoid abrasive cleaners or harsh chemicals, which could damage the metal finish.

5. TROUBLESHOOTING

5.1 Loose Connection

If a bed frame connection feels loose after assembly:

- **Check Tightness:** Ensure the cam lock is fully rotated clockwise and tightened.
- **Verify Dowel Engagement:** Confirm that the cam dowel or pin is properly inserted into the cam lock before tightening.
- **Inspect for Damage:** Examine both the cam lock and the dowel/pin for any signs of wear or damage. Replace if necessary.

5.2 Incorrect Fit

If the cam lock does not fit correctly into the furniture recess or does not engage with the dowel:

- **Confirm Part Number:** Double-check your bed frame's manual to ensure IKEA part #114670 is the correct component for your model.
- **Measure Dimensions:** Verify that the diameter of the ReplacementScrews cam lock (35mm) matches the required size for your furniture.
- **Inspect Recess:** Ensure the furniture's pre-drilled recess is clear of debris and undamaged.

6. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	ReplacementScrews
Model Name	114670
Item Model Number	RSAZN107979
Material	Metal
Color	Silver

Item Dimensions (L x W x H)	0.39 x 0.39 x 0.39 inches (each)
Diameter	35mm (approx. 1-1/2 inches)
Number of Pieces	8 (for this pack)
Recommended Uses	Securing and stabilizing bed frames in residential settings

7. WARRANTY AND SUPPORT

For specific warranty information regarding your ReplacementScrews cam wheel locks, please contact the manufacturer directly. Details regarding product support and returns can typically be found on the [ReplacementScrews Brand Store](#) or through your purchase documentation.

Ensure you retain your proof of purchase for any warranty claims or support inquiries.

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.

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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