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› Wilding Wallbeds Murphy Bed Mechanism Kit S-200T Twin - Instruction Manual

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Model: S-200T | Size: Twin

1. INTRODUCTION AND OVERVIEW

This manual provides detailed instructions for the assembly, operation, and maintenance of your Wilding Wallbeds Murphy Bed Mechanism Kit, Model S-200T (Twin size). This kit is designed for constructing a vertical wall bed, offering a space-saving solution for various living areas.

The mechanism kit features commercial-grade steel construction, engineered to support up to 2,000 lbs. It incorporates a unique spring technology for effortless lifting and lowering of the bed frame. Detailed instructions, including illustrated booklets, cut lists, construction plans, and bills of materials, are provided to guide the building process.

2. WHAT'S INCLUDED IN YOUR KIT

The Wilding Wallbeds Murphy Bed Mechanism Kit includes the essential hardware for building your wall bed frame. Please verify all components are present upon receipt.

**SUPPORTS
2,000 LBS**



BEGINNER

DIYER

ADVANCED

Skill Level

Image: Overview of the Wilding Wallbeds Murphy Bed Mechanism Kit components.

- Lifting mechanism components
- Springs
- Legs
- Bed frame components
- Cut list and plans manual

Items Not Included: Please note that the kit does not include the mattress, lumber/wood for the cabinet, handles, or other cabinet hardware. These items must be sourced separately to complete your Murphy bed.



3. SETUP AND INSTALLATION

The installation of the Murphy bed mechanism requires careful attention to detail. Refer to the provided instruction manual for comprehensive, step-by-step guidance, diagrams, and a complete bill of materials.

3.1 Preparation

- Gather all necessary tools and materials, including the lumber for your cabinet.
- Review the entire instruction manual and cut list before beginning.
- Ensure your workspace is clear, well-lit, and safe.



BUILD WITH THE EXPERTS

Image: Careful measurement and preparation of wood components are crucial for successful assembly.

3.2 Assembly Steps

The assembly process is divided into three main stages:

1. **Cut and Prepare Wood Components:** Follow the provided cut list to accurately cut and prepare all

wooden parts for your Murphy bed cabinet and frame.

2. **Install the Lift Mechanism:** Securely attach the lifting mechanism components to the prepared wooden frame according to the diagrams. Pay close attention to spring installation and tensioning.
3. **Adjust and Make Final Touches:** Once the mechanism is installed, perform necessary adjustments to ensure smooth operation and proper alignment. Complete the cabinet construction and add any desired finishes.





	 Murphy Bed Frame	 Murphy Bed Mechanism Kit (Universal Size)	 Murphy Bed Mechanism Kit (Includes Bed Frame)	 Murphy Bed Mechanism Desk Kit (Includes Bed Frame)
Lifetime Warranty	✓	✓	✓	✓
Weight Limit	1,500 lb	2,000 lb	2,000 lb	2,000 lb
Spring Lift	✓	✓	✓	✓
Available Sizes	Twin, Full, Queen	Twin, Full, Queen, King	Twin, Full, Queen, King	Twin, Full, Queen, King
Lumber Included	✗	✗	✗	✗
Frame Included	✓	✗	✓	✓

Image: Visual representation of the three primary installation steps.

4. OPERATING INSTRUCTIONS

The Wilding Wallbeds mechanism is designed for smooth and controlled operation, allowing you to easily convert your space.

4.1 Lowering the Bed

1. Ensure the area around the bed is clear of obstructions.
2. Grasp the bed frame or handles firmly.
3. Gently pull the bed frame downwards from its vertical stored position. The spring mechanism will assist in a smooth transition.
4. Continue lowering until the bed frame is fully horizontal and the support legs are extended and stable on the floor.

4.2 Storing the Bed

1. Remove all bedding and pillows from the bed.
2. Ensure the support legs are folded or retracted as designed.
3. Grasp the bed frame firmly and lift it upwards. The spring mechanism will assist in raising the bed.
4. Continue lifting until the bed frame is fully vertical and securely locked in the stored position.

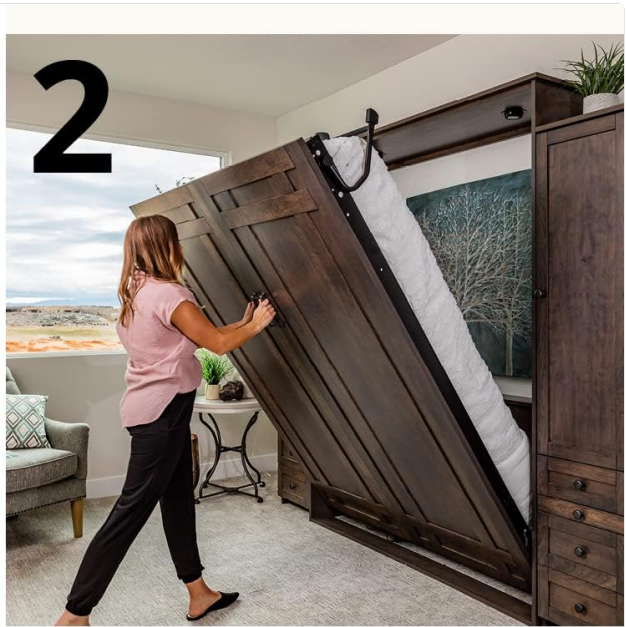
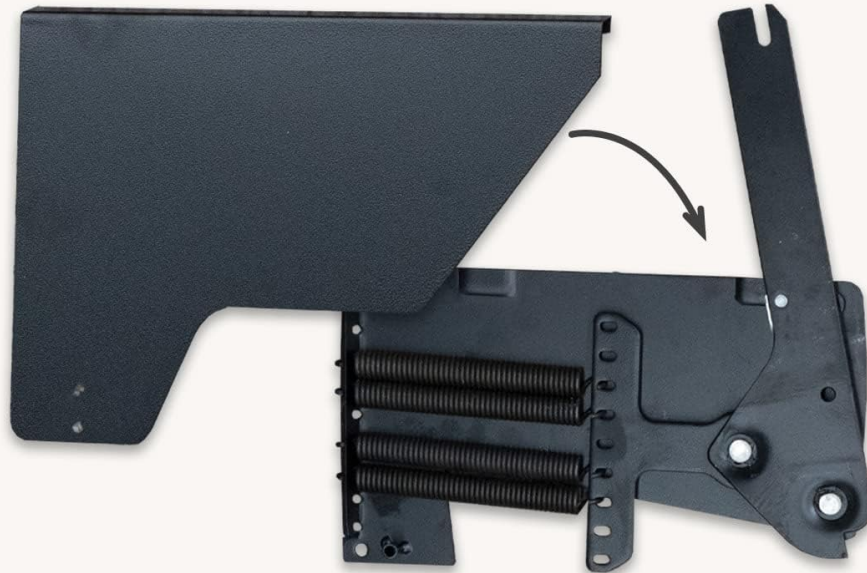


Image: Step-by-step visual guide for operating the Murphy bed.

ADJUSTABLE SPRING-DRIVEN LIFTING ARMS

Simple, adjustable, spring-driven system ensures easy lifting and lowering. Lifting arm covers are also included to ensure safe, reliable operation for a lifetime.



 Wilding
Wallbeds®

Image: The adjustable spring-driven lifting arms provide balanced support for easy lifting and lowering.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Murphy bed mechanism.

- **Cleaning:** Keep the mechanism free from dust and debris. Wipe down metal components with a dry cloth. Avoid using harsh chemicals that could damage the finish.
- **Inspection:** Periodically check all fasteners, bolts, and screws to ensure they are tight. Re-tighten if necessary.
- **Springs:** Inspect the springs for any signs of wear or damage. If a spring appears damaged or the bed's operation feels unbalanced, contact Wilding Wallbeds support.
- **Lubrication:** Moving parts of the mechanism may benefit from occasional lubrication with a silicone-based spray lubricant. Consult your detailed manual for specific recommendations.

6. TROUBLESHOOTING

If you encounter issues with your Murphy bed mechanism, consider the following common troubleshooting

steps:

- **Difficulty Lifting/Lowering:** Ensure the spring tension is correctly adjusted according to the manual. Verify that no obstructions are preventing movement. Check if the mattress weight is within the recommended range.
- **Squeaking or Noise:** Inspect all connection points for tightness. Lubricate moving parts as described in the maintenance section.
- **Bed Not Locking Securely:** Confirm that the bed is fully raised or lowered into its intended position. Check for any misalignment during installation.

For persistent issues, refer to the detailed troubleshooting section in your included manual or contact Wilding Wallbeds customer support.

7. SPECIFICATIONS

Key specifications for the Wilding Wallbeds Murphy Bed Mechanism Kit (Model S-200T, Twin):

- **Model Number:** S-200T
- **Compatible Mattress Size:** Twin
- **Maximum Weight Capacity:** 2,000 lbs (including mattress and bedding)
- **Product Dimensions (Mechanism Kit):** 80"L x 38"W x 12"H
- **Item Weight (Mechanism Kit):** 54 pounds
- **Finish Type:** Powder Coated Steel
- **Assembly Required:** Yes

7.1 Vertical Dimensions for Cabinet Construction

The following table provides general vertical dimensions for the cabinet when constructing a Murphy bed with this mechanism. Refer to your detailed plans for precise measurements.



Vertical Dimensions

	Height	Width	Depth	Projection
King	89.25"	81.5"	16"	90"
Queen	89.25"	65.5"	16"	90"
Full	84.25"	59.5"	16"	86"
Twin	84.25"	44.5"	16"	86"

Image: Vertical dimensions for various Murphy bed sizes.

Approximate Vertical Cabinet Dimensions (Twin)

Dimension	Measurement
Height	84.25"
Width	44.5"
Depth	16"
Projection (when open)	86"

8. SAFETY INFORMATION

Adhering to safety guidelines is crucial during assembly and use of the Murphy bed mechanism.

- Always follow the detailed instructions provided in the manual to ensure safe assembly.
- Be cautious of sharp edges on components during assembly and handling.
- Never exceed the maximum weight capacity of 2,000 lbs for the bed frame.

- Exercise care when lifting and lowering the bed to prevent injury from the spring mechanism. Keep hands and fingers clear of pinch points.
- Ensure the bed is securely locked in either the vertical (stored) or horizontal (open) position before use or leaving unattended.

9. WARRANTY INFORMATION

Wilding Wallbeds provides a Lifetime Warranty for its high-quality spring lift mechanisms. This warranty covers defects in materials and workmanship, ensuring the mechanism remains functional for years of frequent use. The reliability of the mechanism is supported by built-in safety features, such as locking mechanisms that secure the bed in place when raised or lowered.

For detailed warranty terms and conditions, please refer to the documentation included with your product or contact Wilding Wallbeds customer support.

10. SUPPORT AND CONTACT

For additional assistance, questions, or to purchase related products, please contact Wilding Wallbeds directly.

- **Manufacturer:** Wilding Wallbeds
- **Online Store:** [Visit the Wilding Wallbeds Store](#)

Refer to your included instruction manual for specific contact information and further support resources.